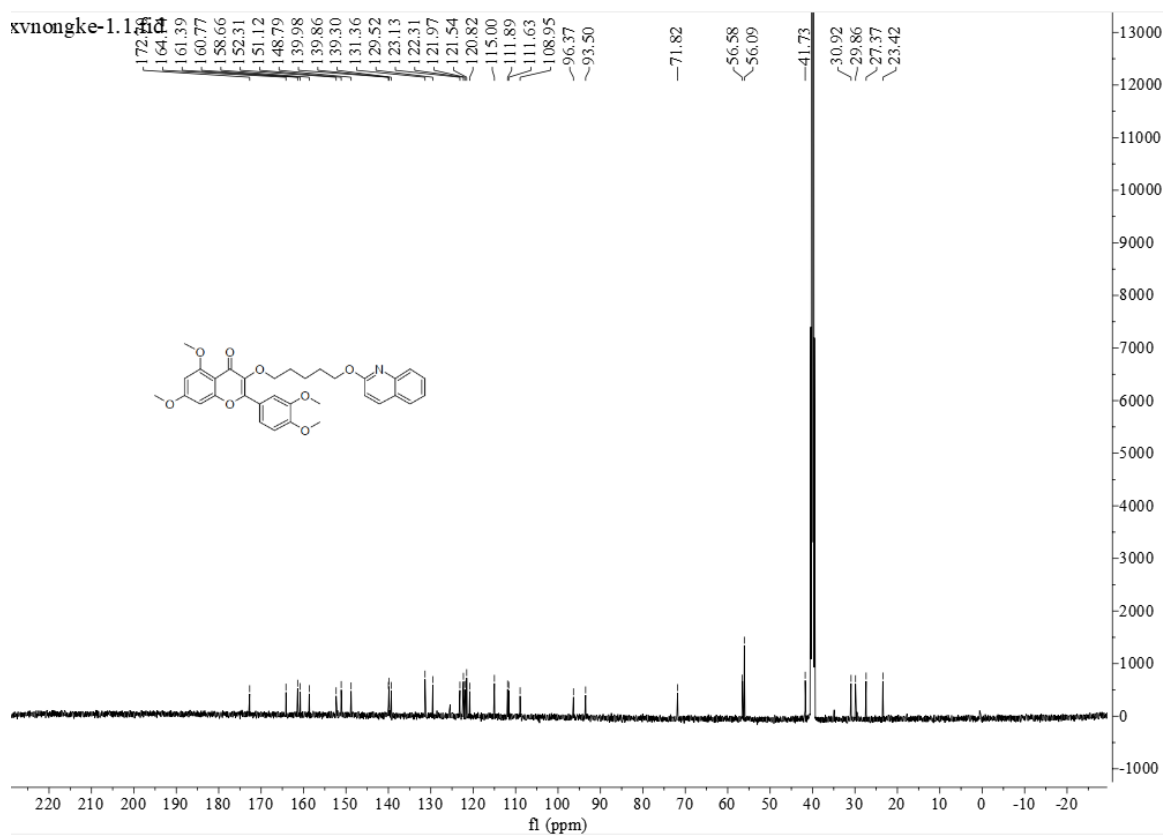
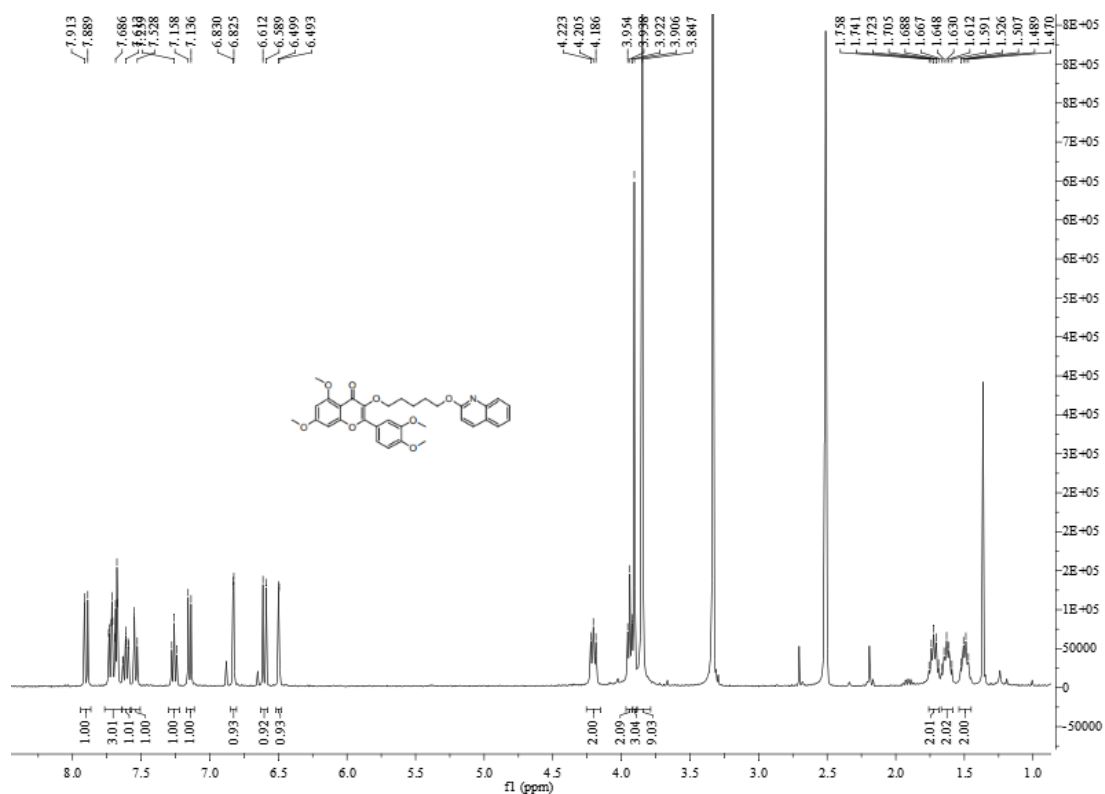
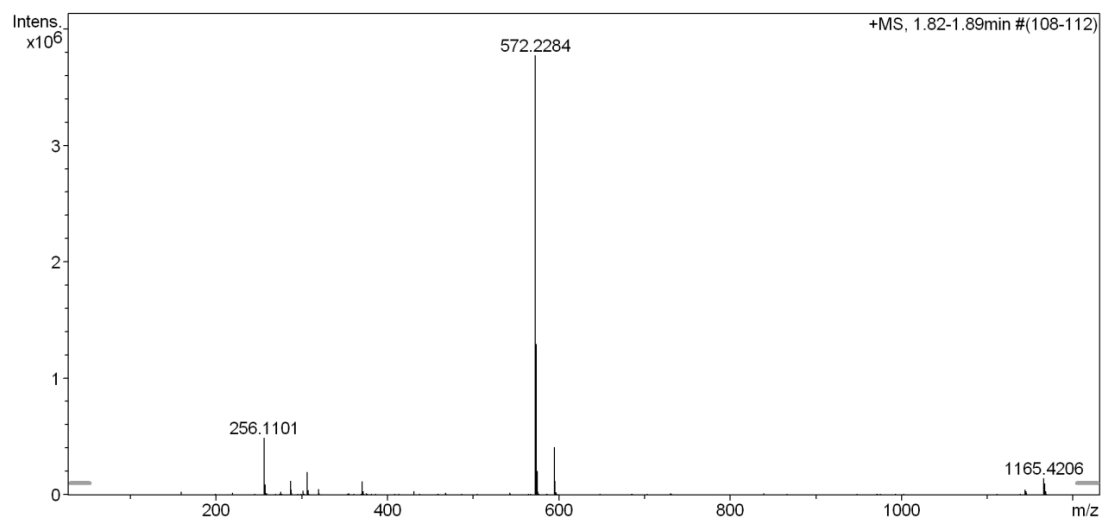


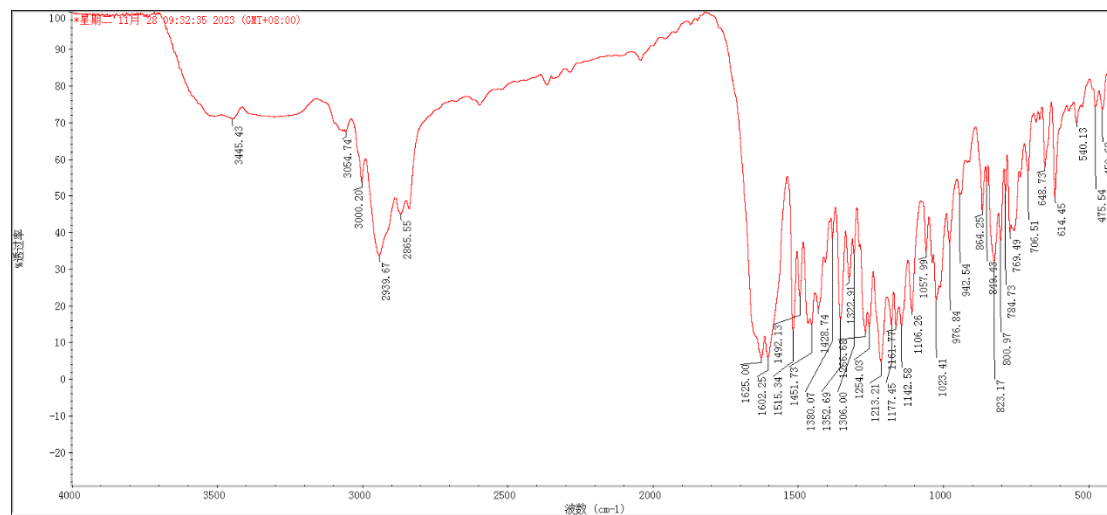
Supporting Information
Table of contents

1	Compounds characterization.	Pages 2-31
---	-----------------------------	------------

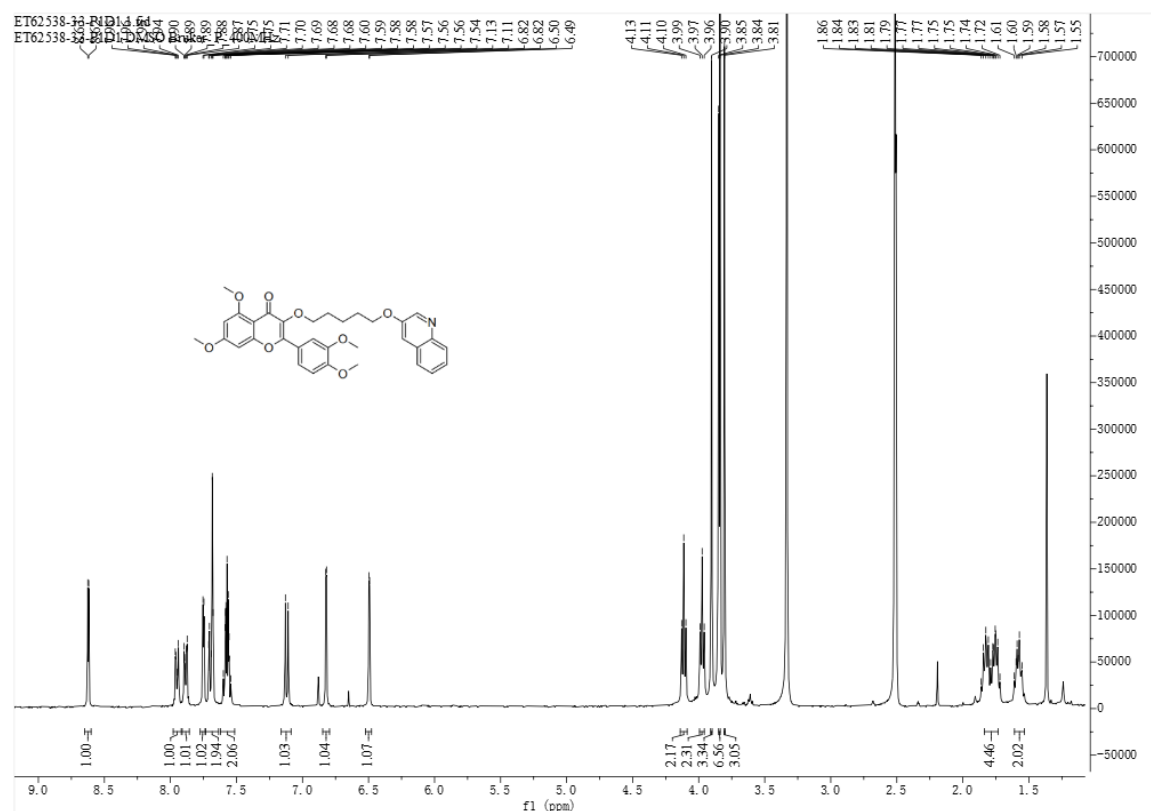




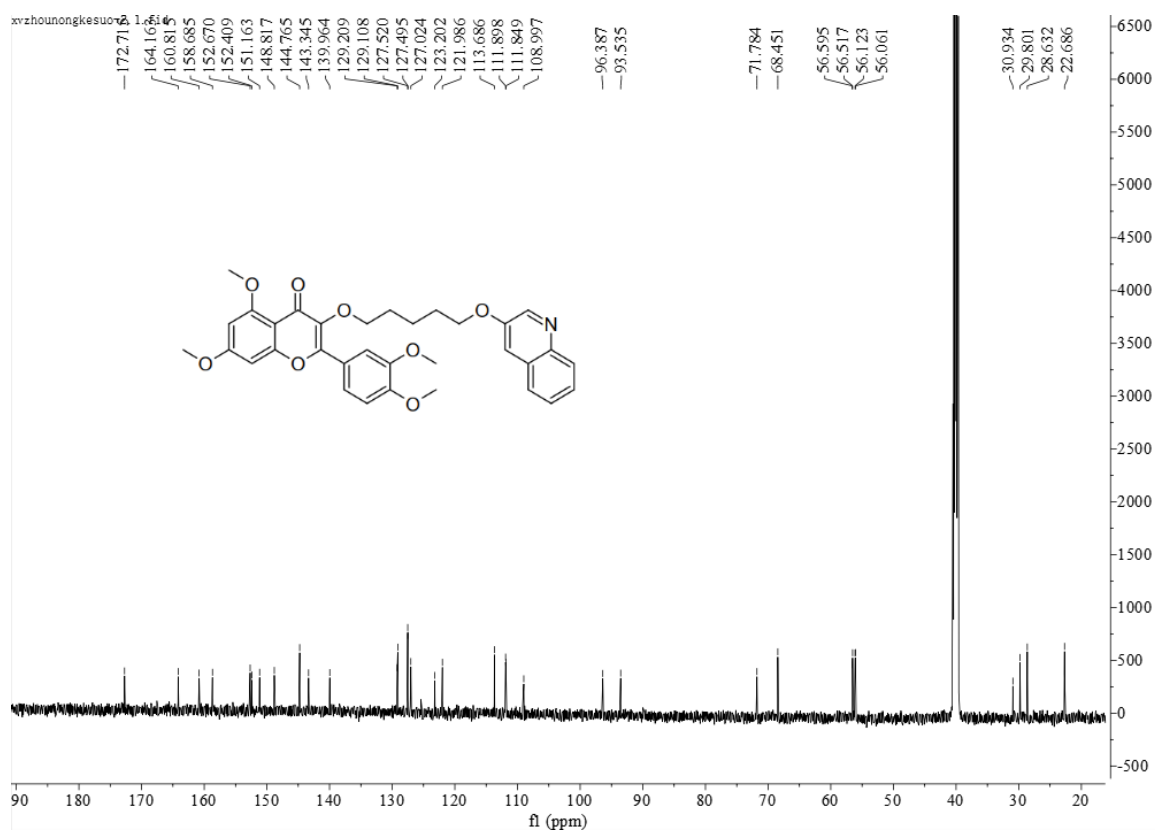
HRMS spectrum of 2-(3,4-dimethoxyphenyl)-5,7-dimethoxy-3-((5-(quinolin-2-yloxy)pentyl)oxy)-4H-chromen-4-one (**3a**)



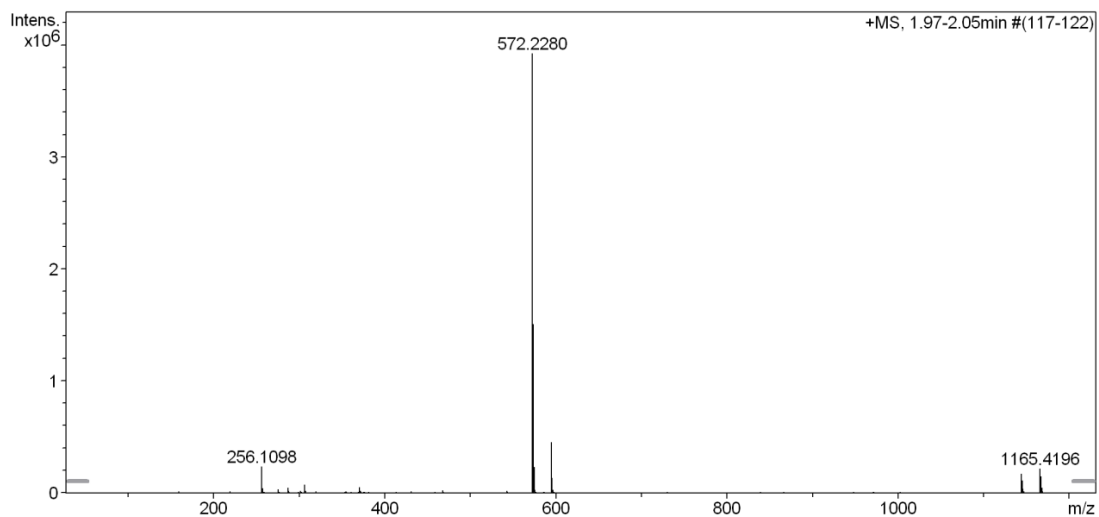
IR spectra of 2-(3,4-dimethoxyphenyl)-5,7-dimethoxy-3-((5-(quinolin-2-yloxy)pentyl)oxy)-4H-chromen-4-one (**3a**)



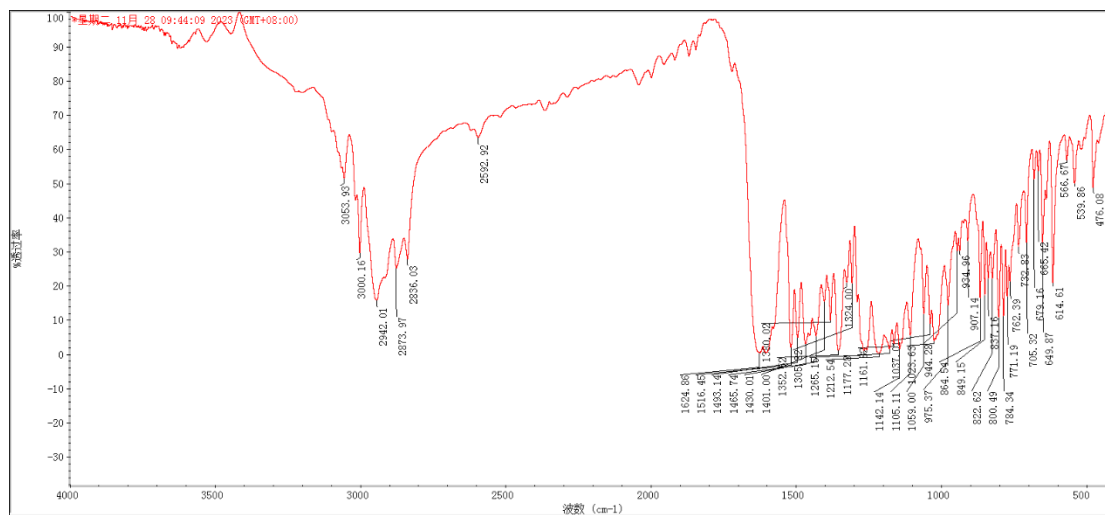
¹H-NMR spectrum of 2-(3,4-dimethoxyphenyl)-5,7-dimethoxy-3-((5-(quinolin-3-yloxy)pentyl)oxy)-4H-chromen-4-one (**3b**)



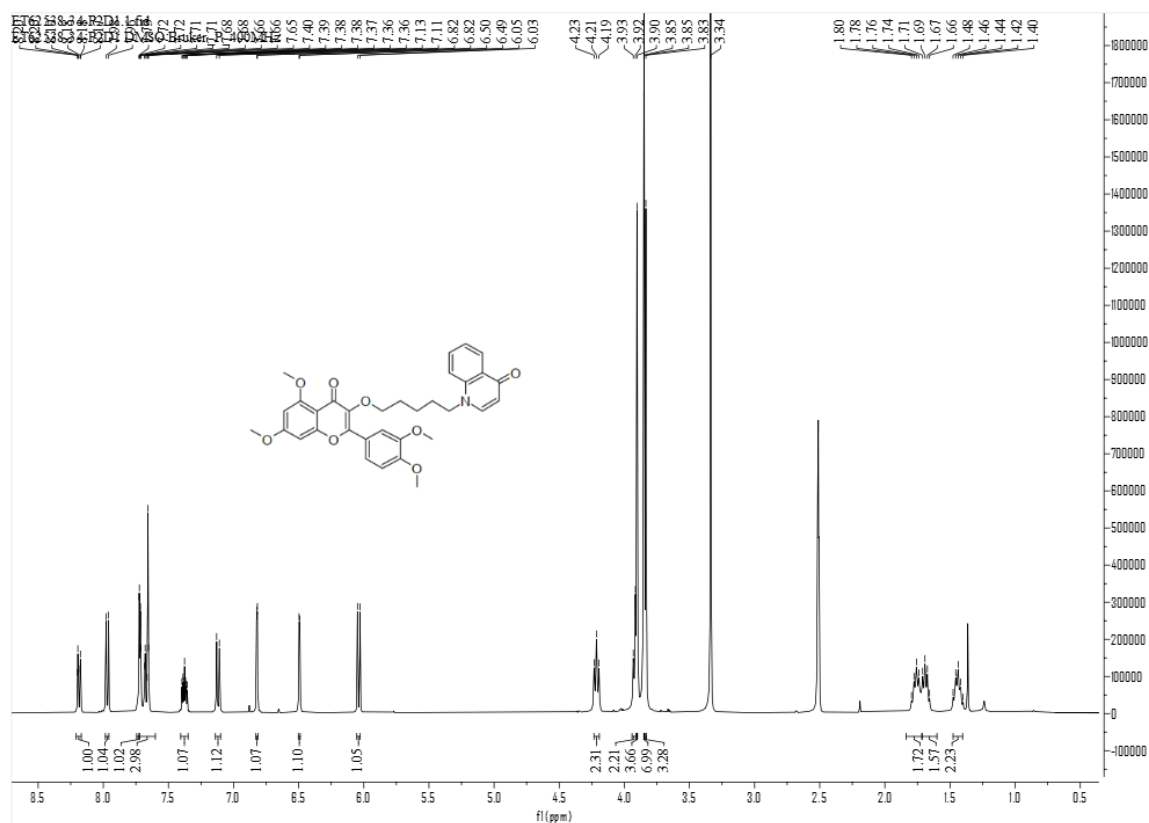
¹³C-NMR spectrum of 2-(3,4-dimethoxyphenyl)-5,7-dimethoxy-3-((5-(quinolin-3-yloxy)pentyl)oxy)-4H-chromen-4-one (**3b**)



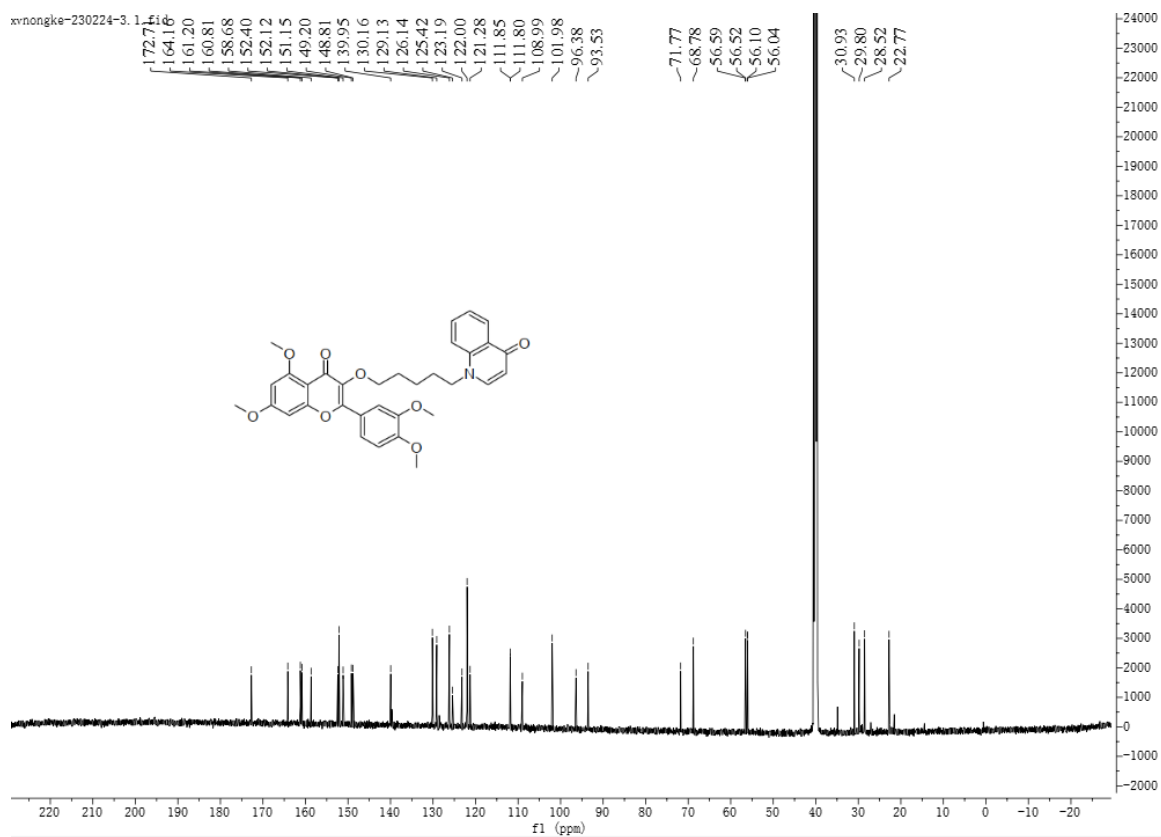
HRMS spectrum of 2-(3,4-dimethoxyphenyl)-5,7-dimethoxy-3-((5-(quinolin-3-yloxy)pentyl)oxy)-4H-chromen-4-one (**3b**)



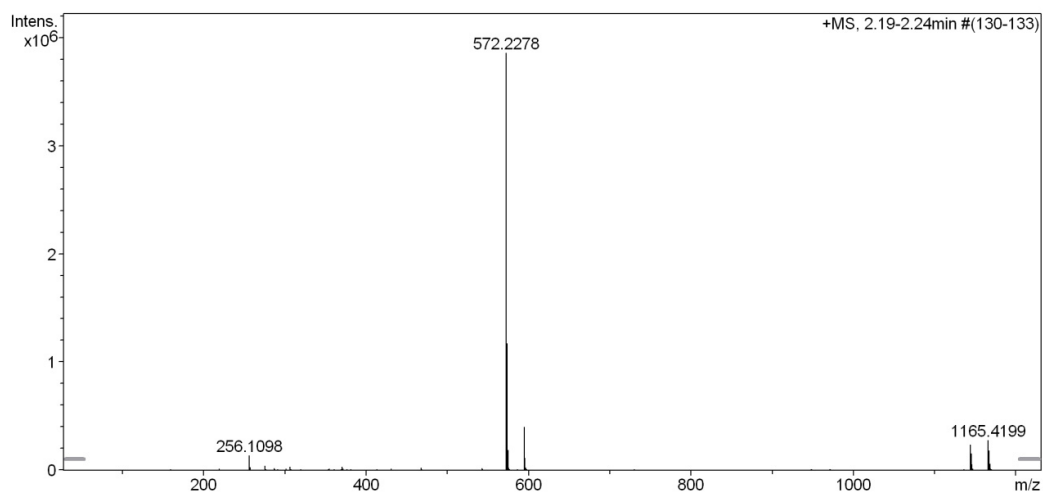
IR spectra of 2-(3,4-dimethoxyphenyl)-5,7-dimethoxy-3-((5-(quinolin-3-yloxy)pentyl)oxy)-4H-chromen-4-one (**3b**)



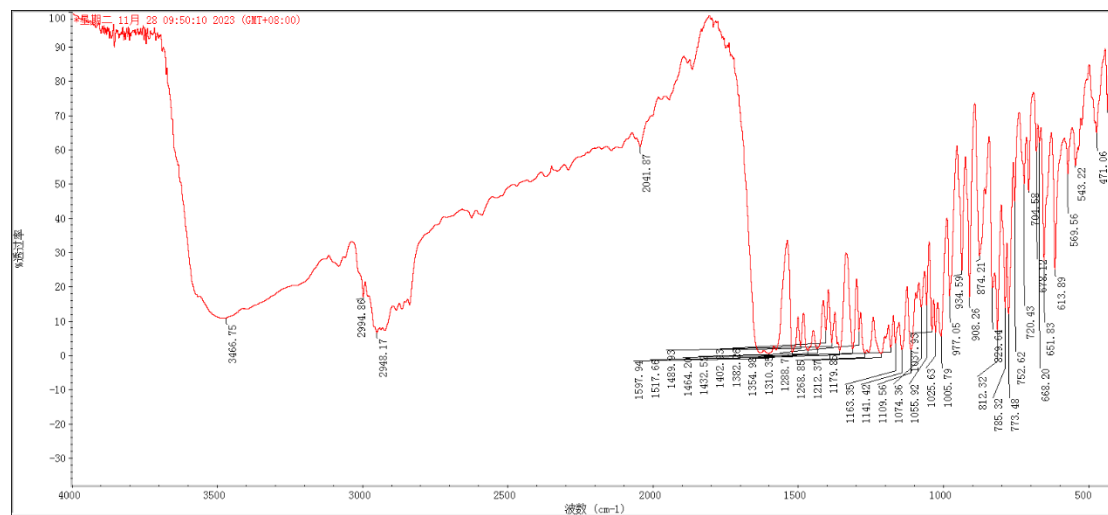
¹H-NMR spectrum of 2-(3,4-dimethoxyphenyl)-5,7-dimethoxy-3-((5-(quinolin-4-yloxy)pentyl)oxy)-4H-chromen-4-one (**3c**)



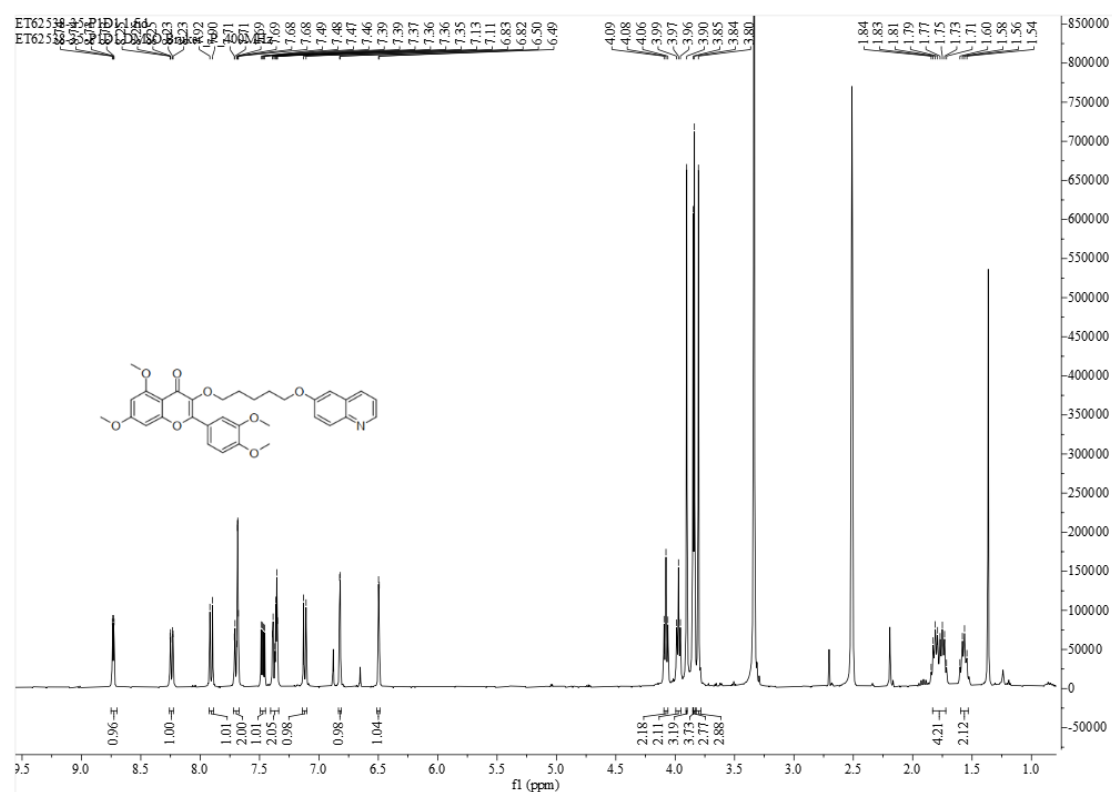
¹³C-NMR spectrum of 2-(3,4-dimethoxyphenyl)-5,7-dimethoxy-3-((5-(quinolin-4-yloxy)pentyl)oxy)-4H-chromen-4-one (**3c**)



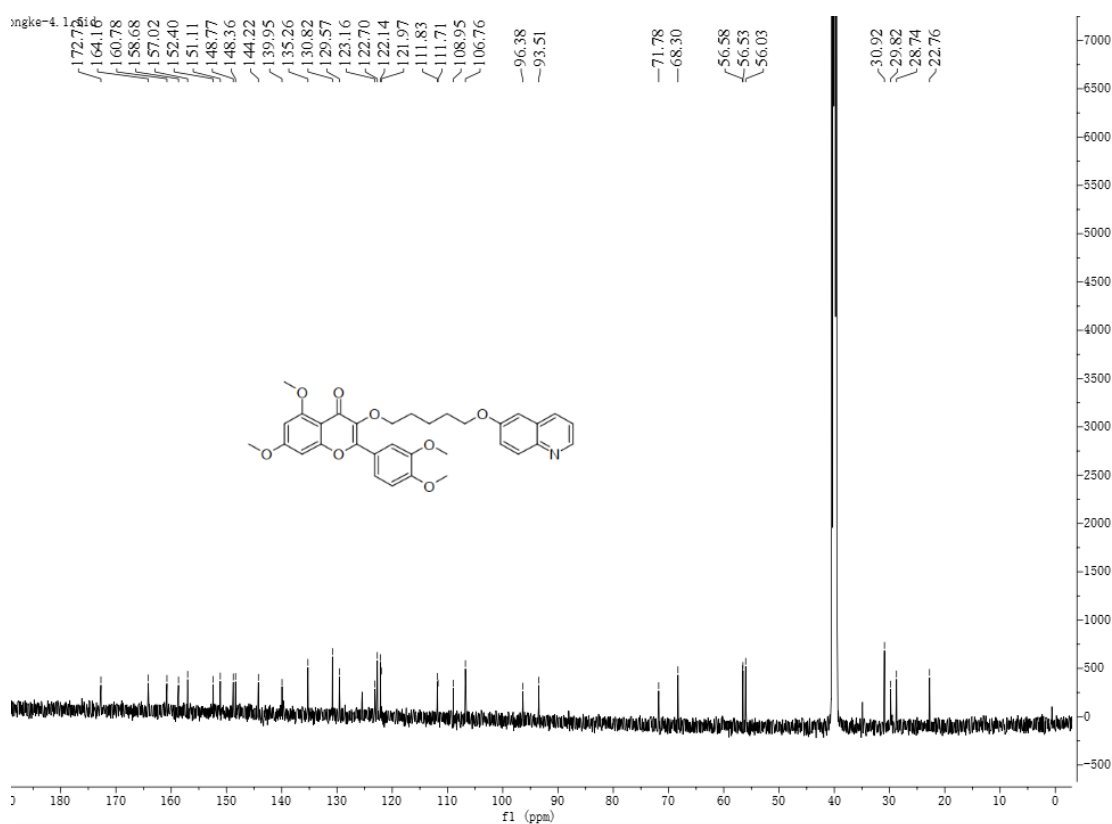
HRMS spectrum of 2-(3,4-dimethoxyphenyl)-5,7-dimethoxy-3-((5-(quinolin-4-yloxy)pentyl)oxy)-4H-chromen-4-one (**3c**)



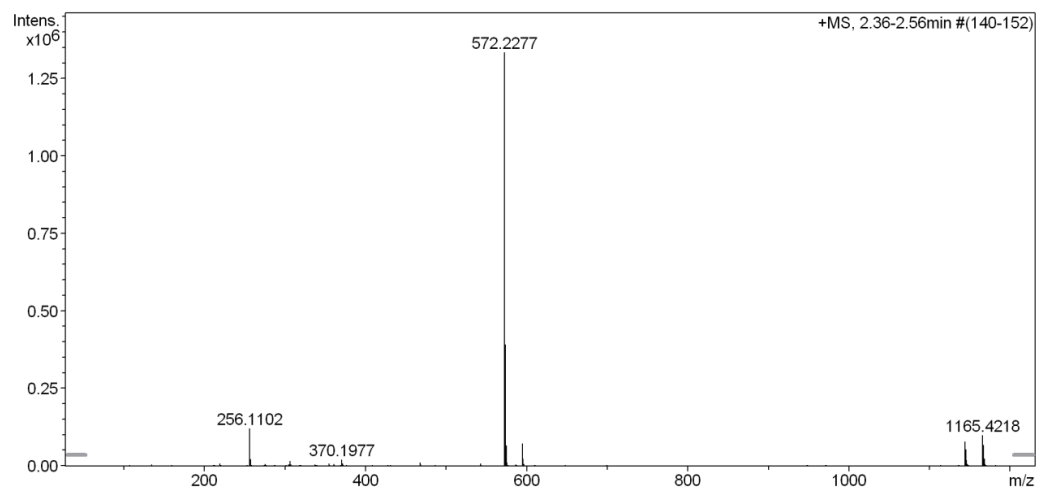
IR spectra of 2-(3,4-dimethoxyphenyl)-5,7-dimethoxy-3-((5-(quinolin-4-yloxy)pentyl)oxy)-4H-chromen-4-one (**3c**)



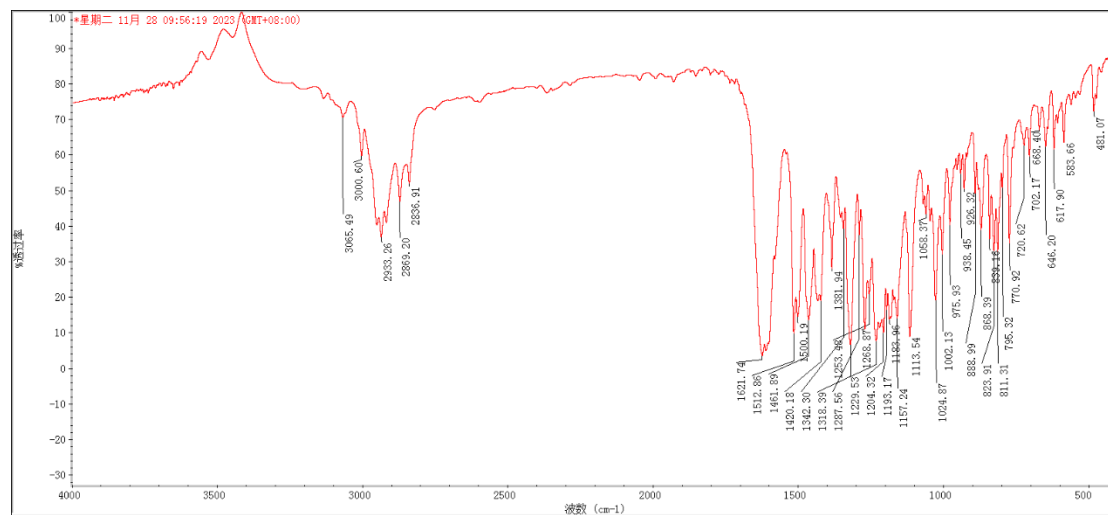
¹H-NMR spectrum of 2-(3,4-dimethoxyphenyl)-5,7-dimethoxy-3-((5-(quinolin-6-yloxy)pentyl)oxy)-4H-chromen-4-one (**3d**)



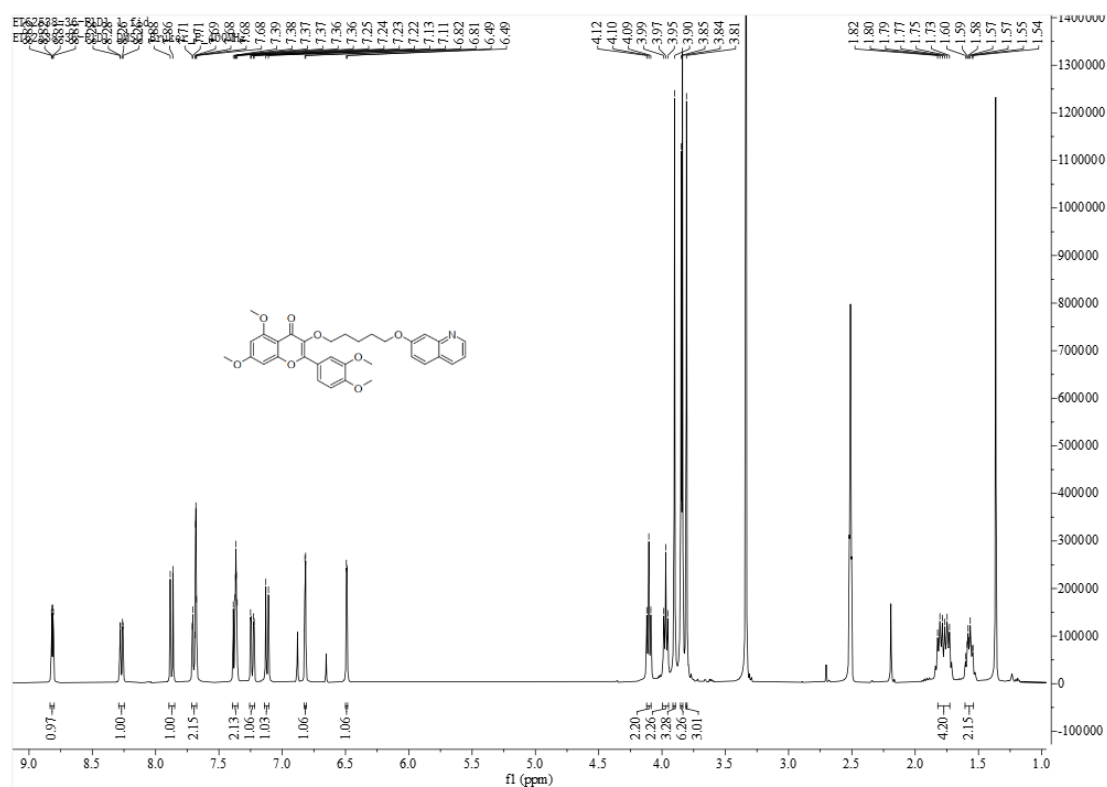
¹³C-NMR spectrum of 2-(3,4-dimethoxyphenyl)-5,7-dimethoxy-3-((5-(quinolin-6-yloxy)pentyl)oxy)-4H-chromen-4-one (**3d**)



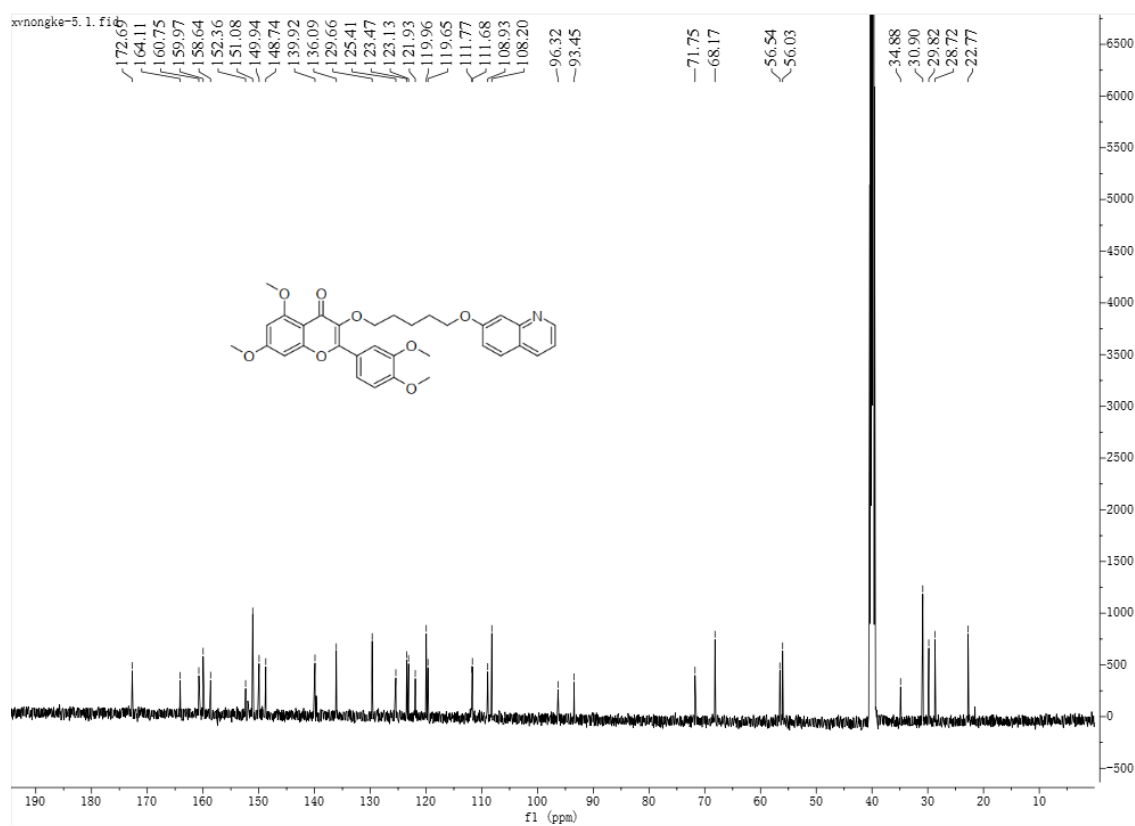
HRMS spectrum of 2-(3,4-dimethoxyphenyl)-5,7-dimethoxy-3-((5-(quinolin-6-yloxy)pentyl)oxy)-4H-chromen-4-one (**3d**)



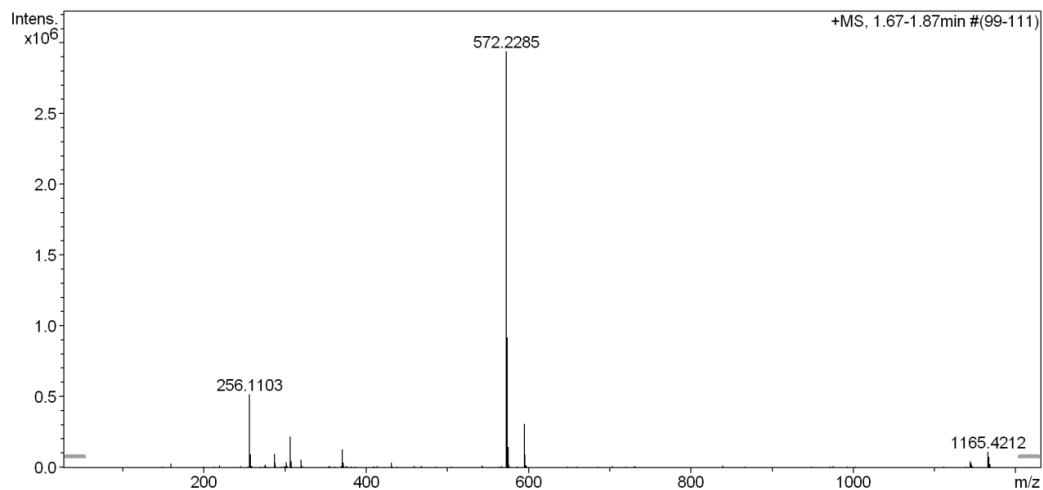
IR spectra of 2-(3,4-dimethoxyphenyl)-5,7-dimethoxy-3-((5-(quinolin-6-yloxy)pentyl)oxy)-4H-chromen-4-one (**3d**)



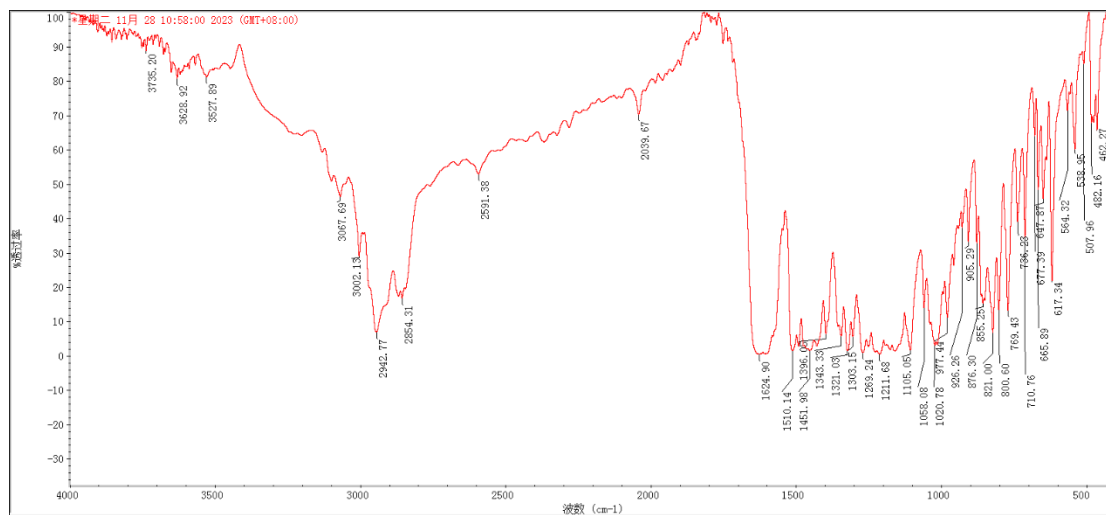
¹H-NMR spectrum of 2-(3,4-dimethoxyphenyl)-5,7-dimethoxy-3-((5-(quinolin-7-yloxy)pentyl)oxy)-4H-chromen-4-one (3e)



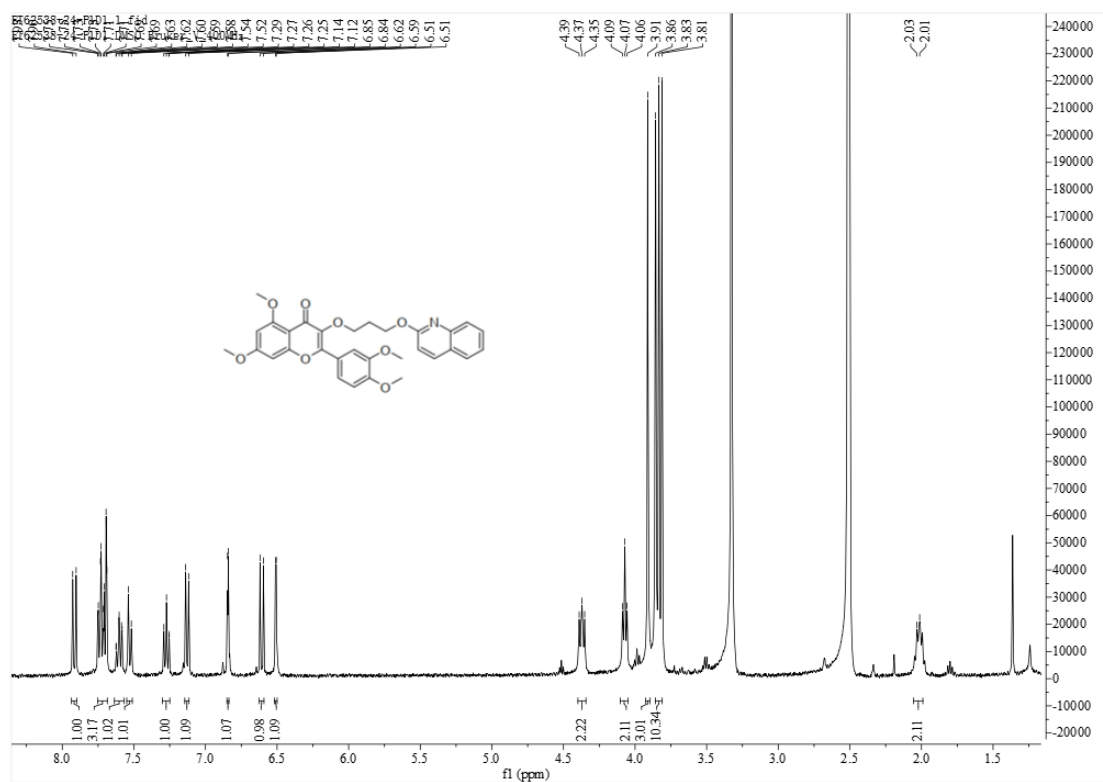
¹³C-NMR spectrum of 2-(3,4-dimethoxyphenyl)-5,7-dimethoxy-3-((5-(quinolin-7-yloxy)pentyl)oxy)-4H-chromen-4-one (3e)



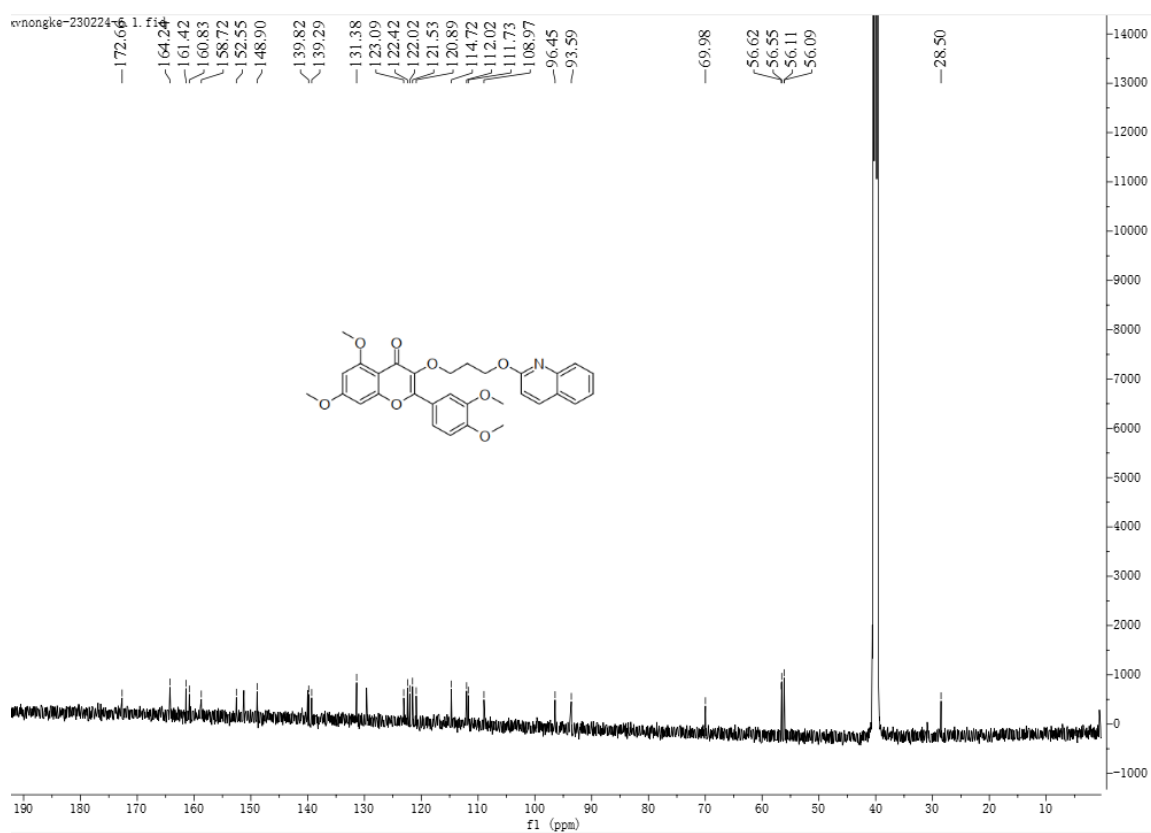
HRMS spectrum of 2-(3,4-dimethoxyphenyl)-5,7-dimethoxy-3-((5-(quinolin-7-yloxy)pentyl)oxy)-4H-chromen-4-one (**3e**)



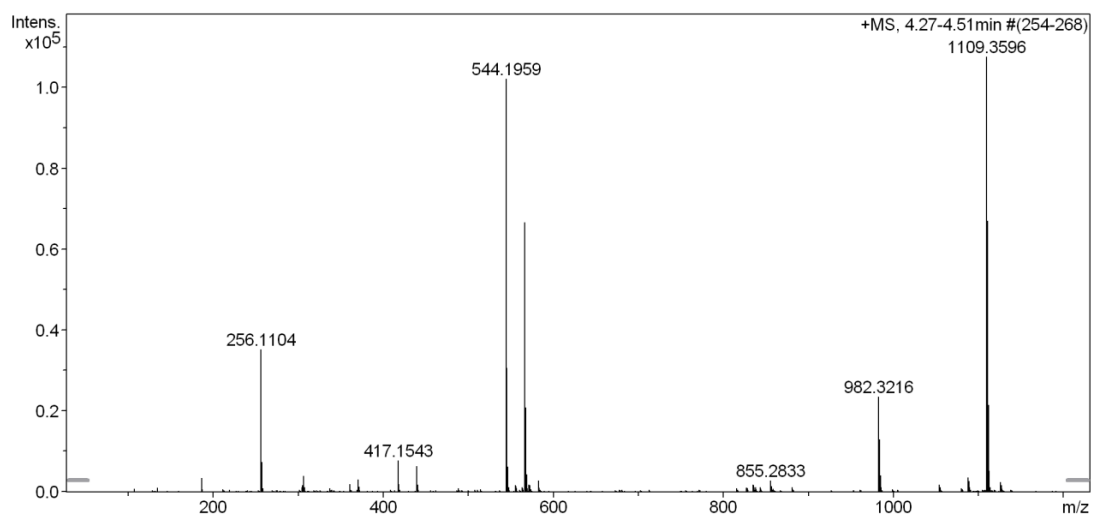
IR spectra of 2-(3,4-dimethoxyphenyl)-5,7-dimethoxy-3-((5-(quinolin-7-yloxy)pentyl)oxy)-4H-chromen-4-one (**3e**)



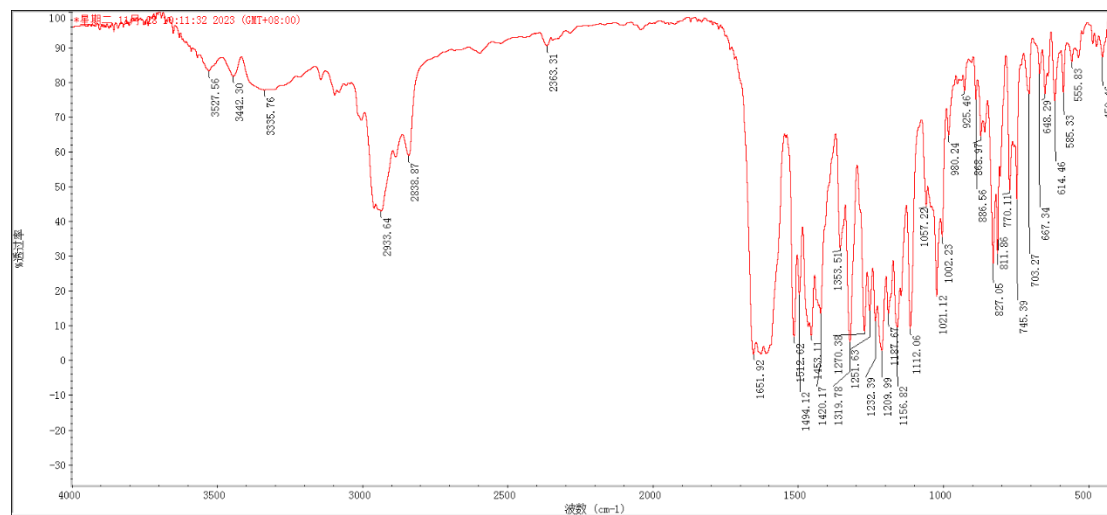
¹H-NMR spectrum of 2-(3,4-dimethoxyphenyl)-5,7-dimethoxy-3-(3-(quinolin-2-yloxy)propoxy)-4H-chromen-4-one (3f)



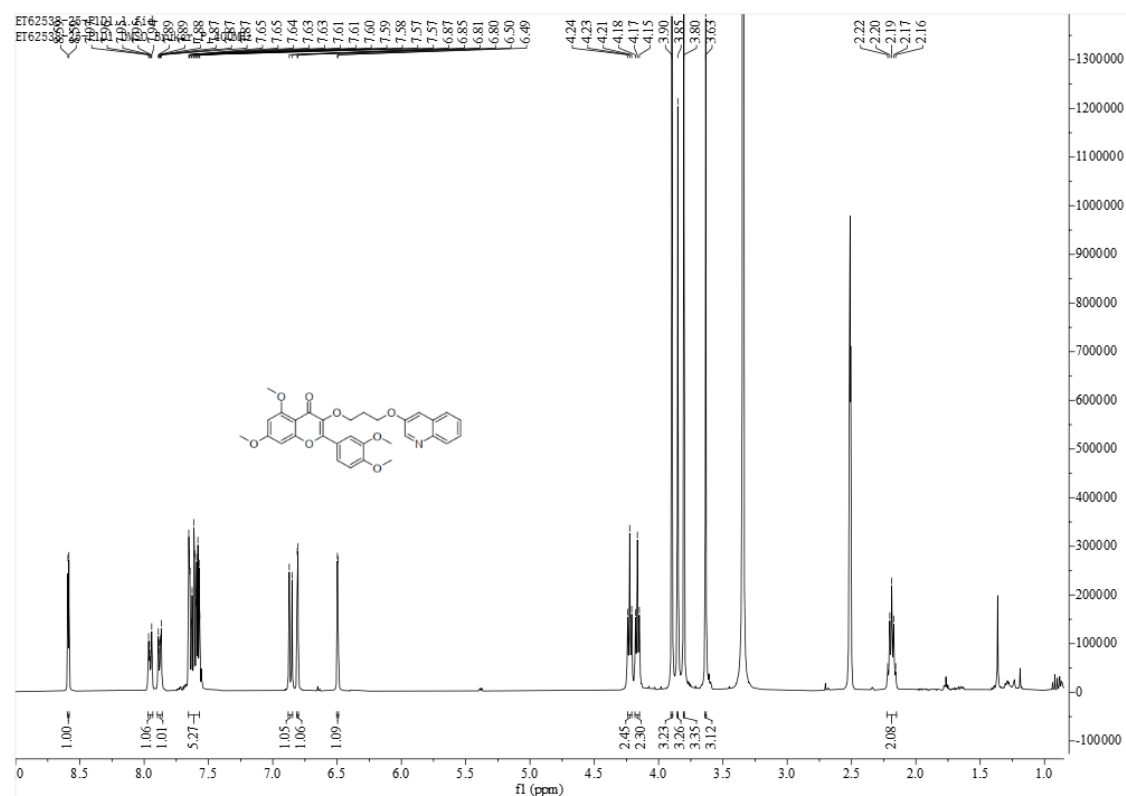
¹³C-NMR spectrum of 2-(3,4-dimethoxyphenyl)-5,7-dimethoxy-3-(3-(quinolin-2-yloxy)propoxy)-4H-chromen-4-one (3f)



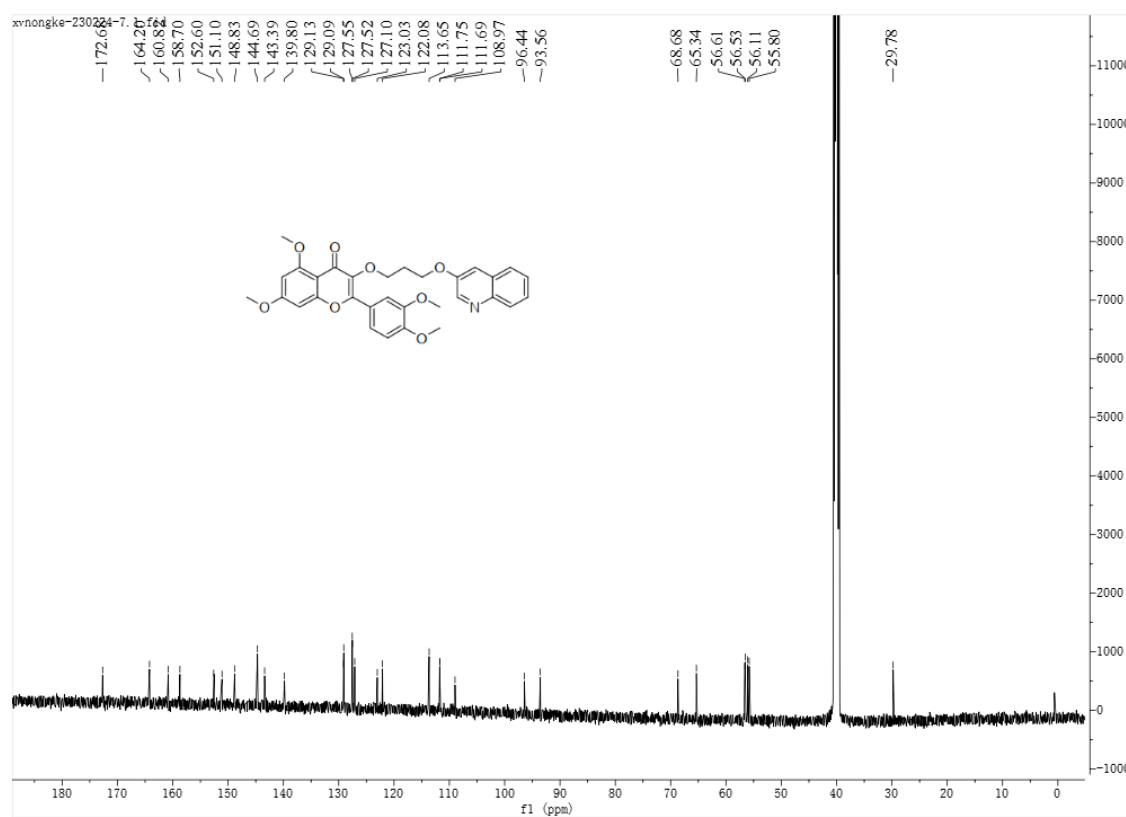
HRMS spectrum of 2-(3,4-dimethoxyphenyl)-5,7-dimethoxy-3-(3-(quinolin-2-yloxy)propoxy)-4H-chromen-4-one (**3f**)



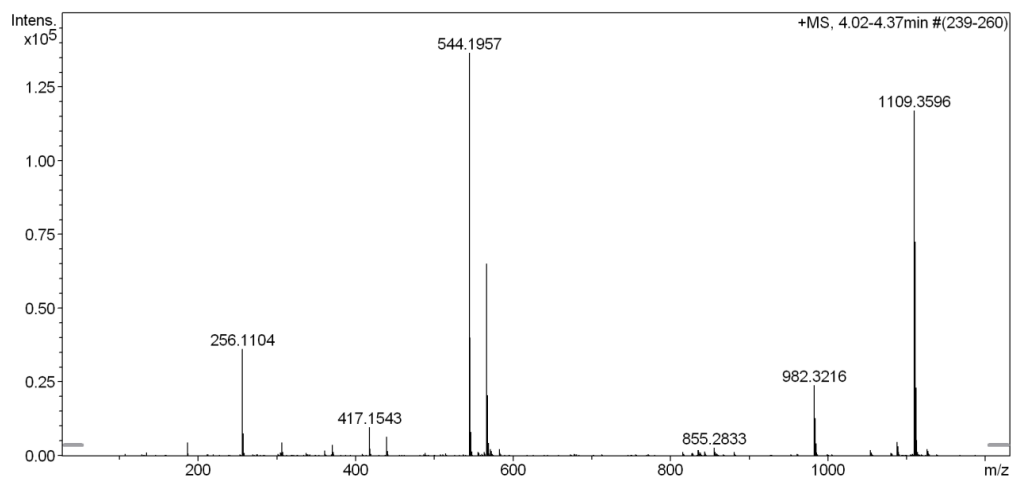
IR spectra of 2-(3,4-dimethoxyphenyl)-5,7-dimethoxy-3-(3-(quinolin-2-yloxy)propoxy)-4H-chromen-4-one (**3f**)



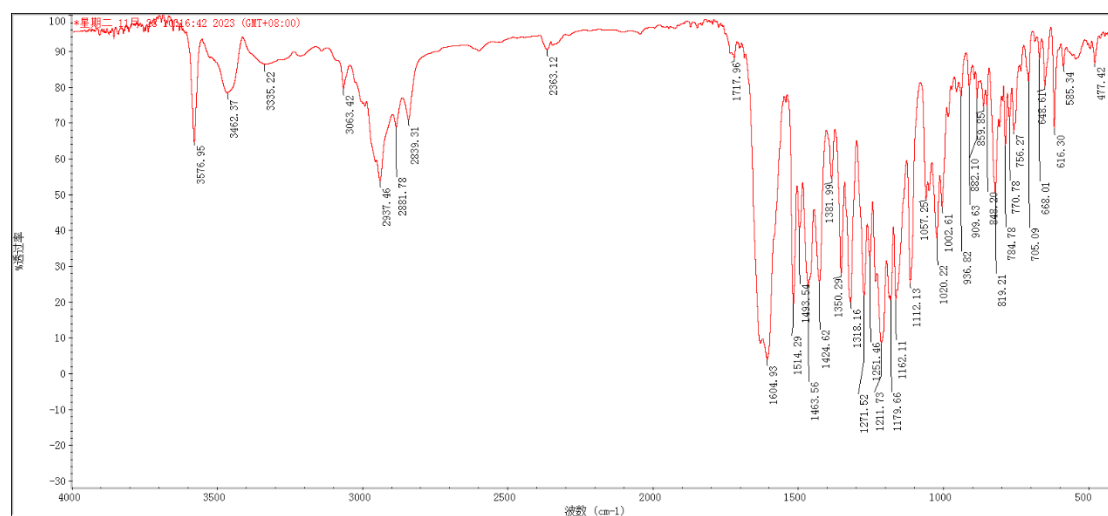
¹H-NMR spectrum of 2-(3,4-dimethoxyphenyl)-5,7-dimethoxy-3-(3-(quinolin-3-yloxy)propoxy)-4H-chromen-4-one (3g)



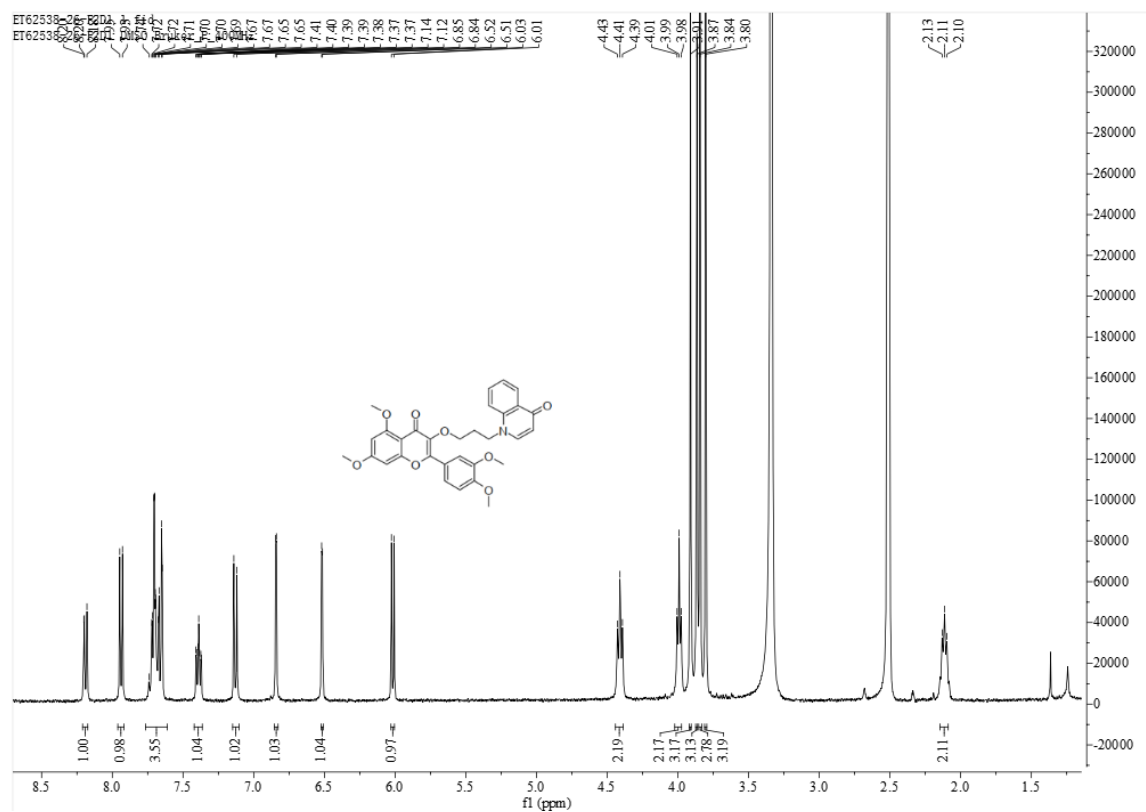
¹³C-NMR spectrum of 2-(3,4-dimethoxyphenyl)-5,7-dimethoxy-3-(3-(quinolin-3-yloxy)propoxy)-4H-chromen-4-one (3g)



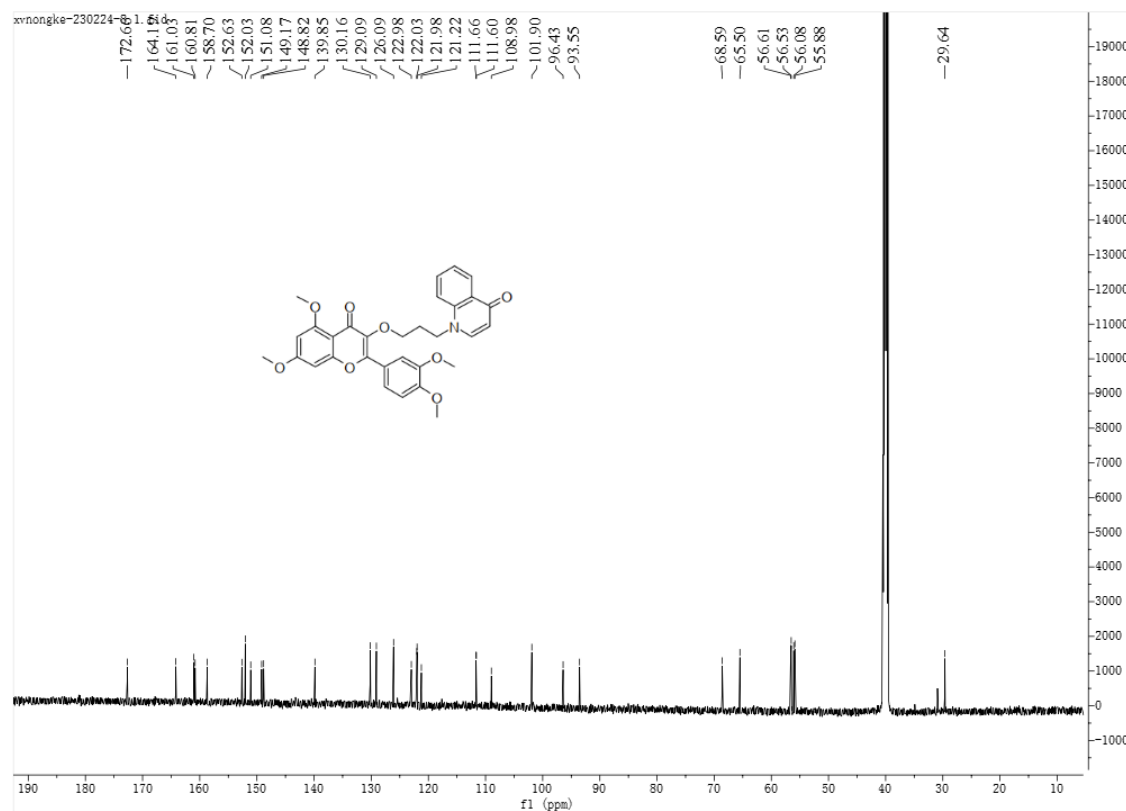
HRMS spectrum of 2-(3,4-dimethoxyphenyl)-5,7-dimethoxy-3-(3-(quinolin-3-yloxy)propoxy)-4H-chromen-4-one (**3g**)



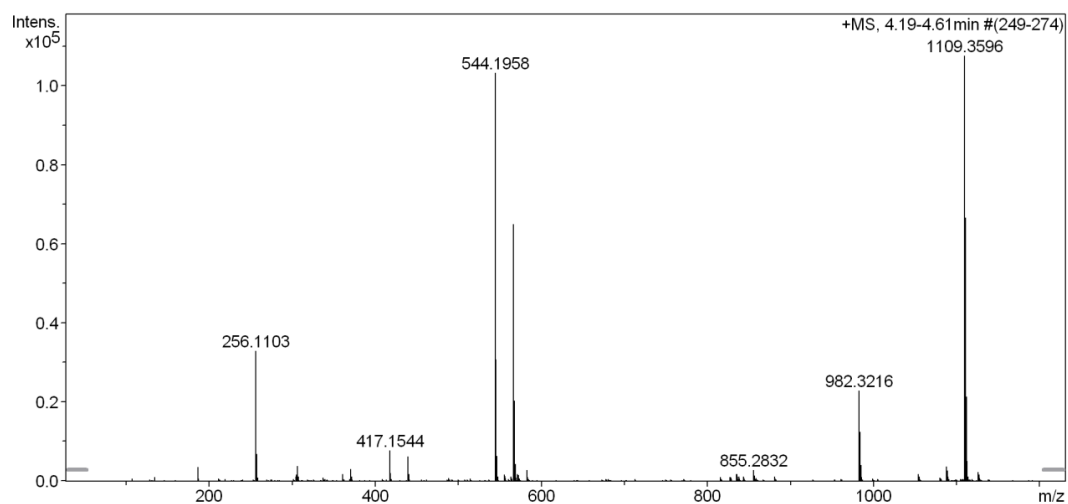
IR spectra of 2-(3,4-dimethoxyphenyl)-5,7-dimethoxy-3-(3-(quinolin-3-yloxy)propoxy)-4H-chromen-4-one (**3g**)



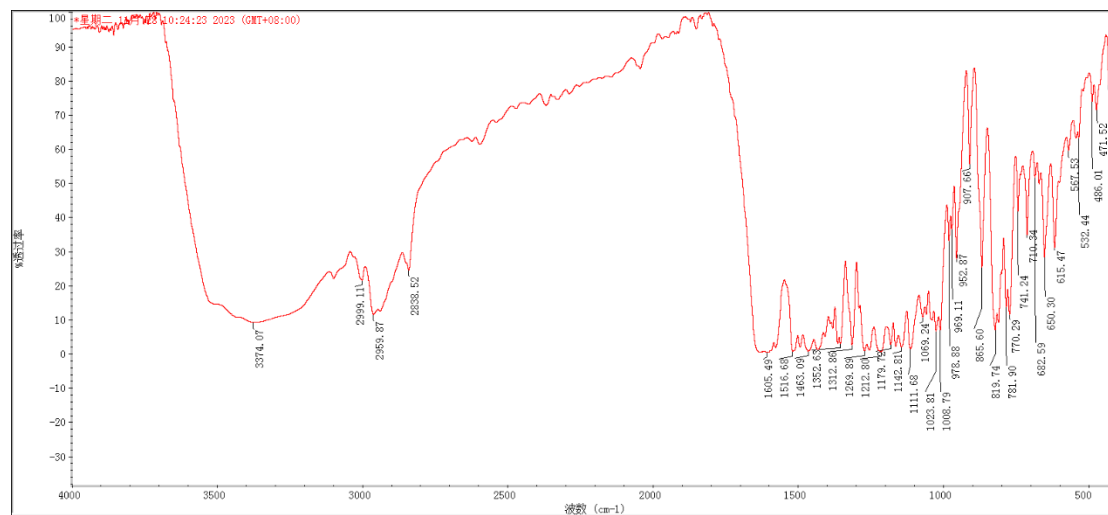
¹H-NMR spectrum of 2-(3,4-dimethoxyphenyl)-5,7-dimethoxy-3-(3-(quinolin-4-yloxy)propoxy)-4H-chromen-4-one (3h)



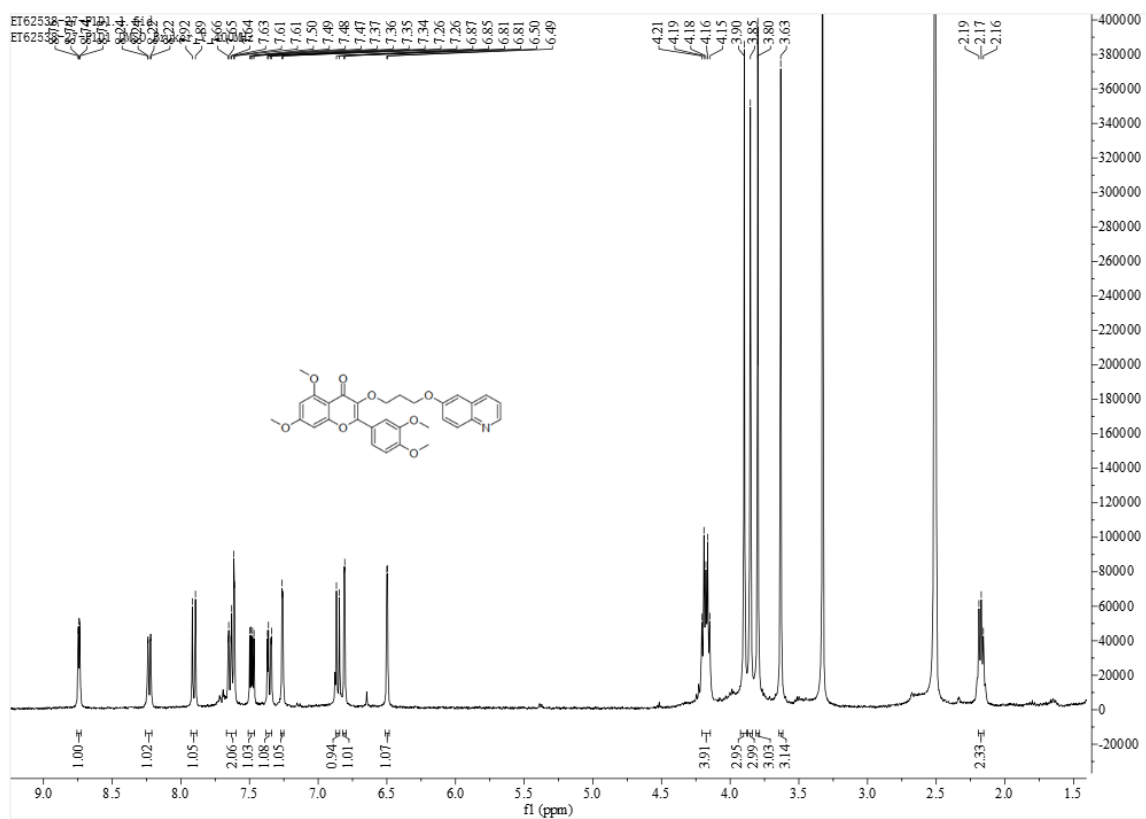
¹³C-NMR spectrum of 2-(3,4-dimethoxyphenyl)-5,7-dimethoxy-3-(3-(quinolin-4-yloxy)propoxy)-4H-chromen-4-one (3h)



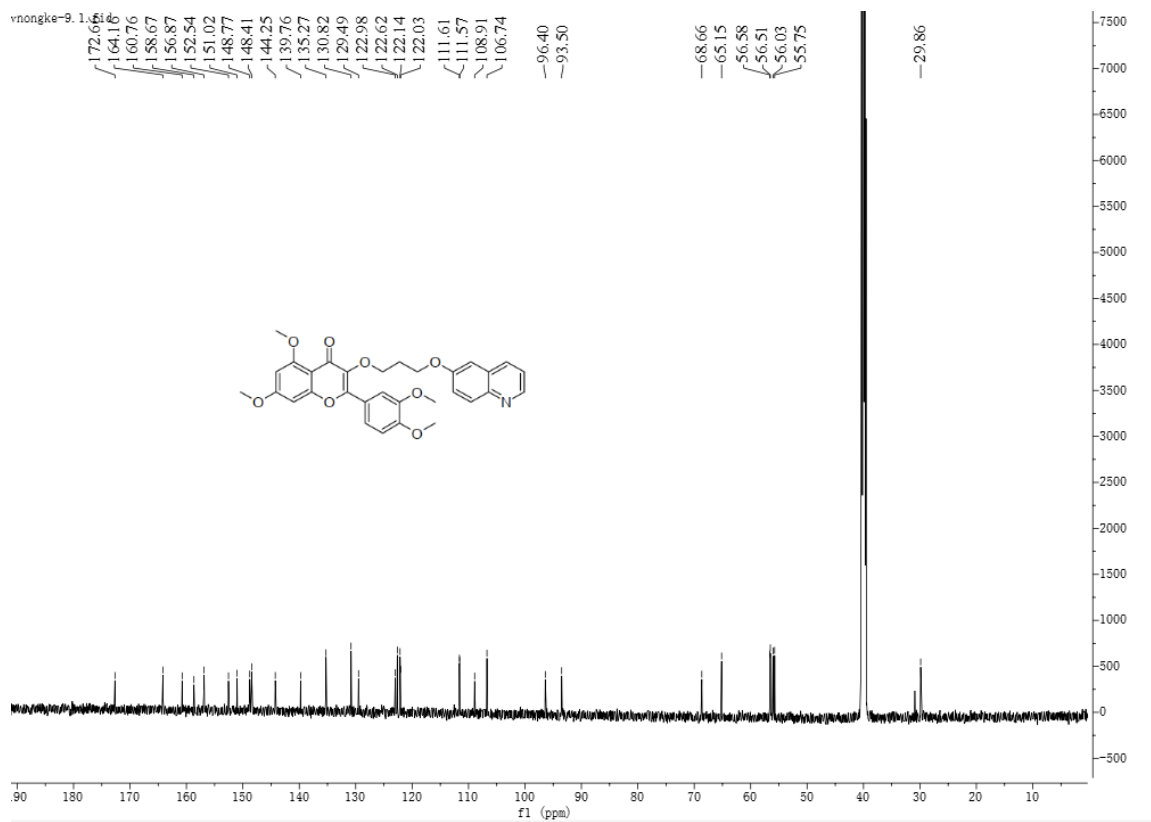
HRMS spectrum of 2-(3,4-dimethoxyphenyl)-5,7-dimethoxy-3-(3-(quinolin-4-yloxy)propoxy)-4H-chromen-4-one (**3h**)



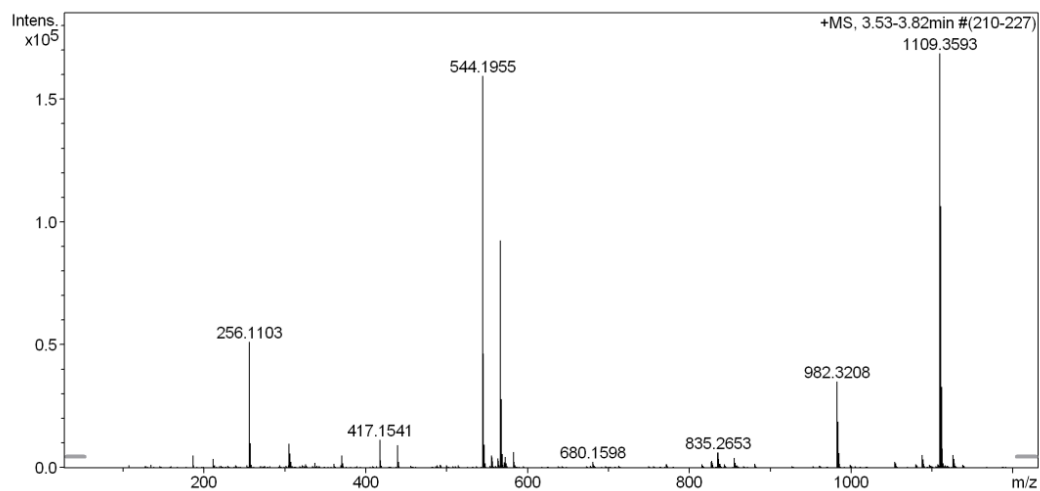
IR spectra of 2-(3,4-dimethoxyphenyl)-5,7-dimethoxy-3-(3-(quinolin-4-yloxy)propoxy)-4H-chromen-4-one (**3h**)



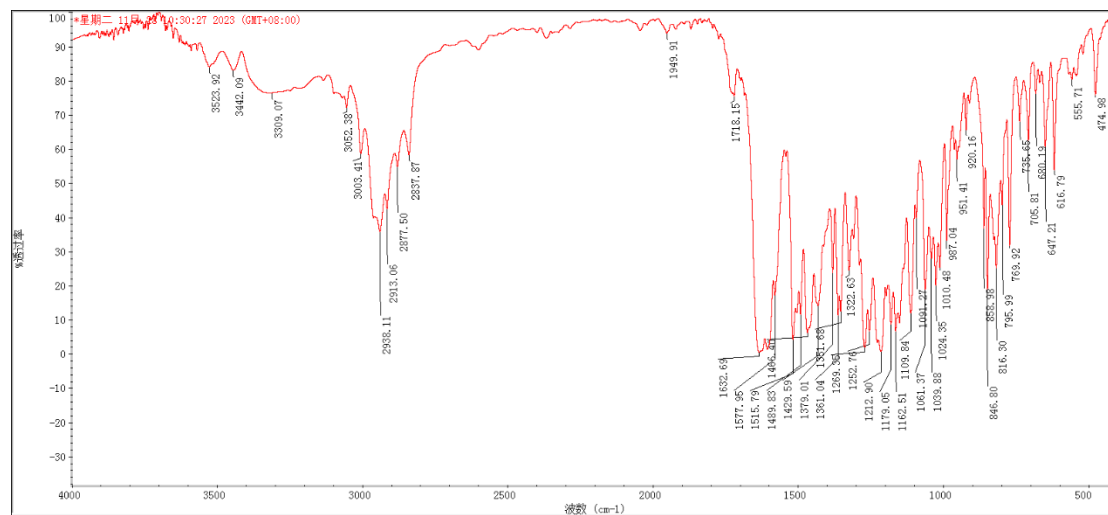
¹H-NMR spectrum of 2-(3,4-dimethoxyphenyl)-5,7-dimethoxy-3-(3-(quinolin-6-yloxy)propoxy)-4H-chromen-4-one (3i)



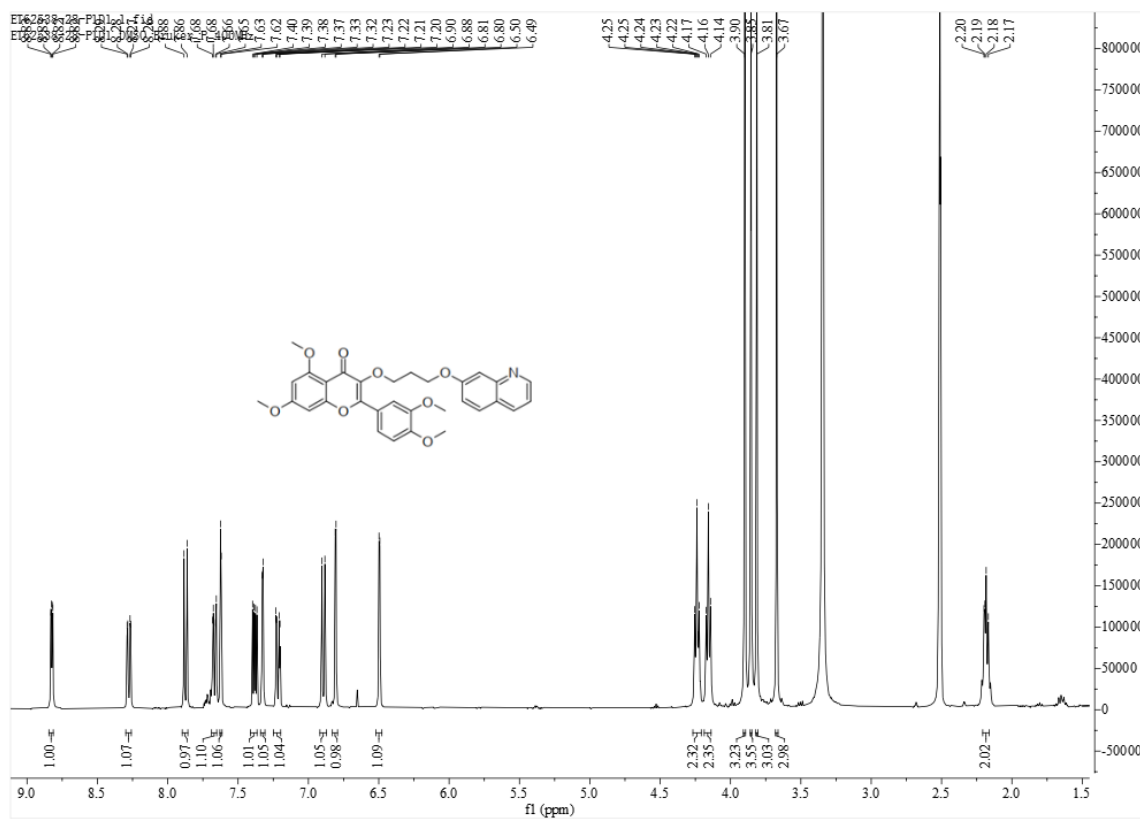
¹³C-NMR spectrum of 2-(3,4-dimethoxyphenyl)-5,7-dimethoxy-3-(3-(quinolin-6-yloxy)propoxy)-4H-chromen-4-one (3i)



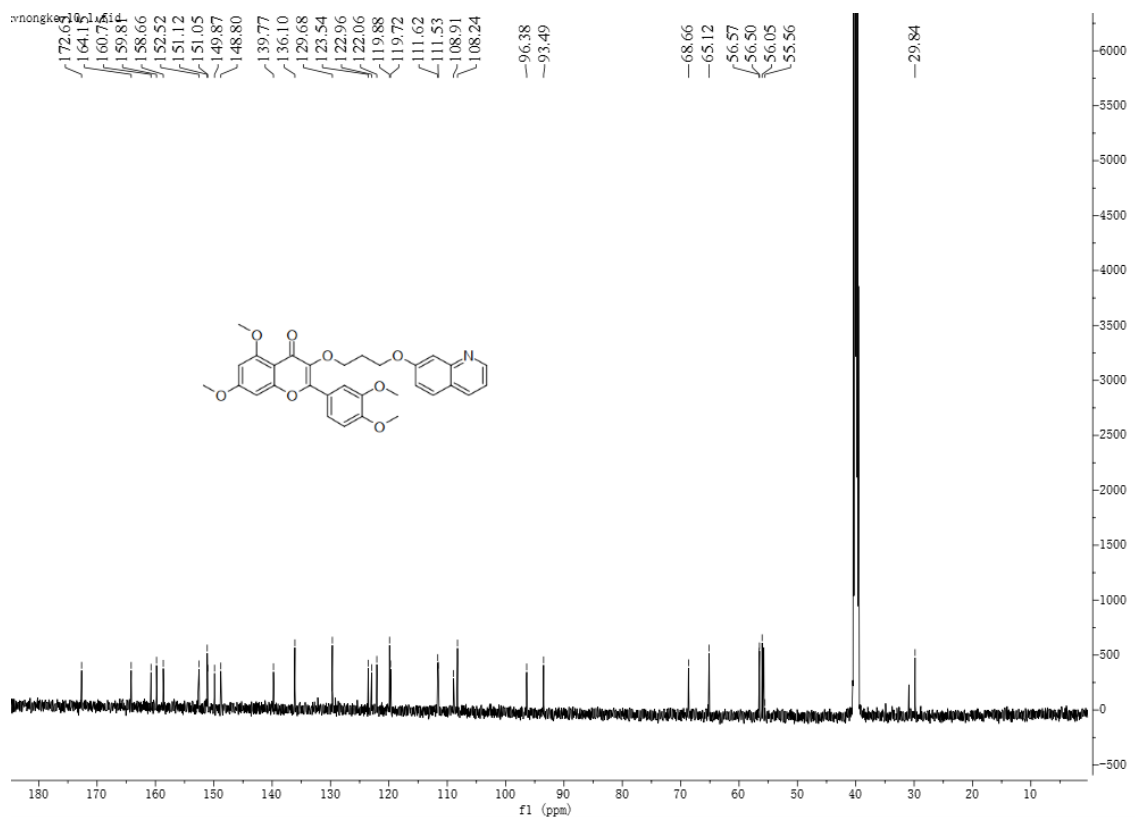
HRMS spectrum of 2-(3,4-dimethoxyphenyl)-5,7-dimethoxy-3-(3-(quinolin-6-yloxy)propoxy)-4H-chromen-4-one (**3i**)



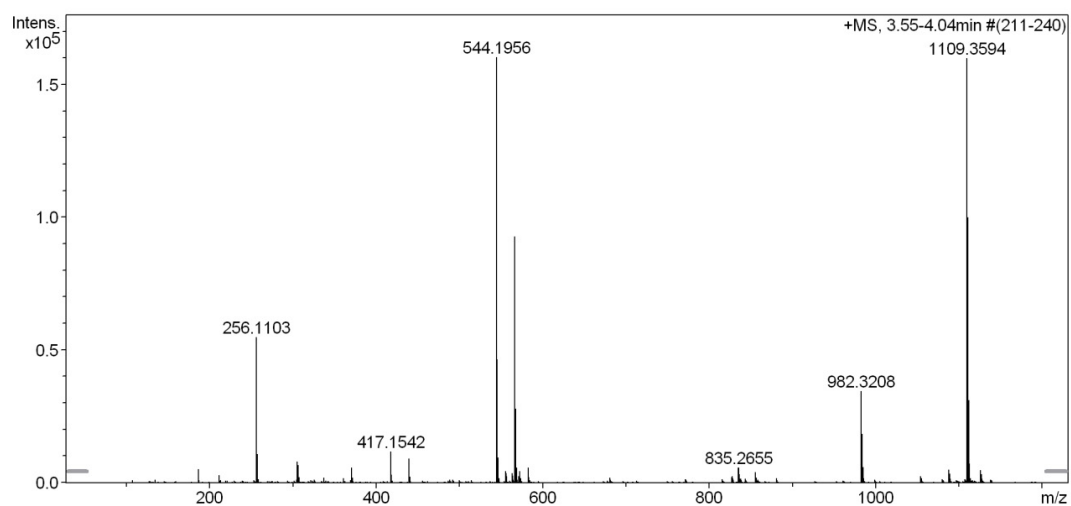
IR spectra of 2-(3,4-dimethoxyphenyl)-5,7-dimethoxy-3-(3-(quinolin-6-yloxy)propoxy)-4H-chromen-4-one (**3i**)



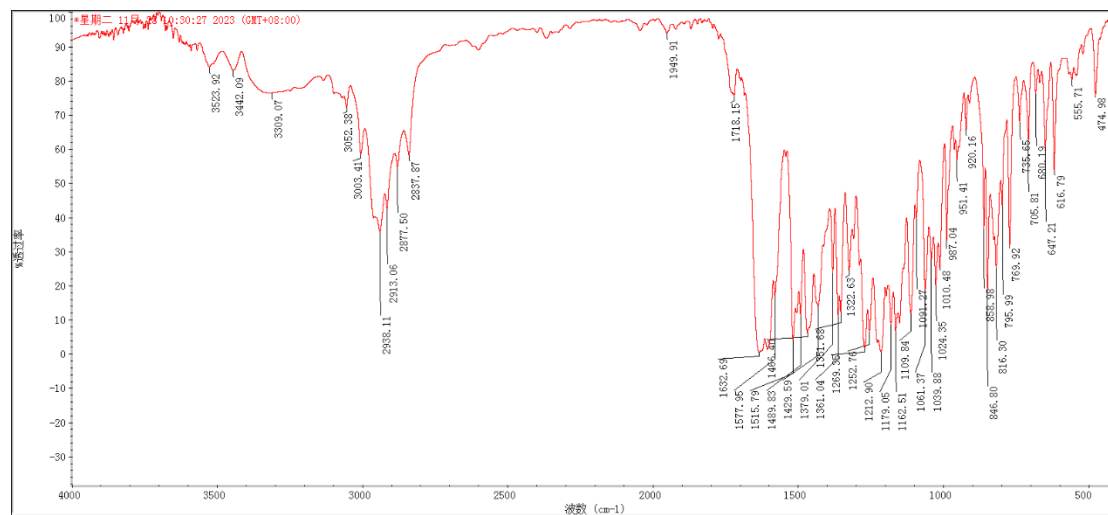
¹H-NMR spectrum of 2-(3,4-dimethoxyphenyl)-5,7-dimethoxy-3-(3-(quinolin-7-yloxy)propoxy)-4H-chromen-4-one (**3j**)



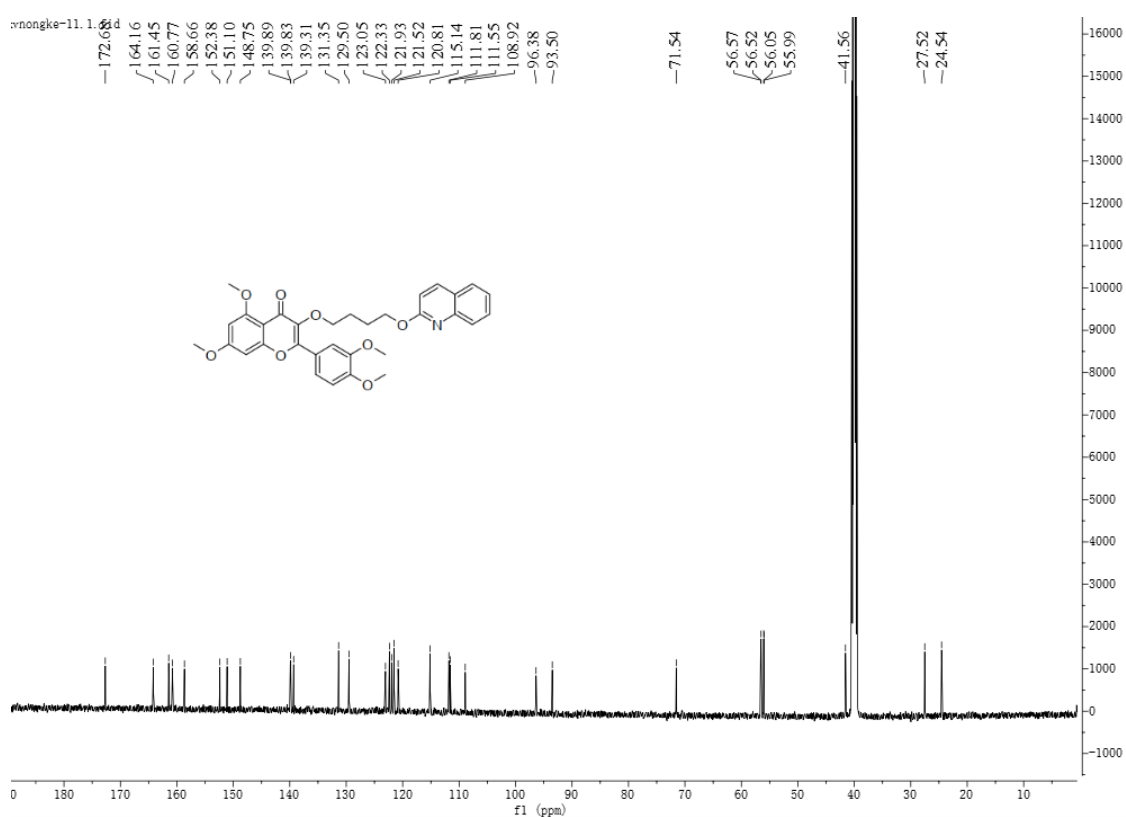
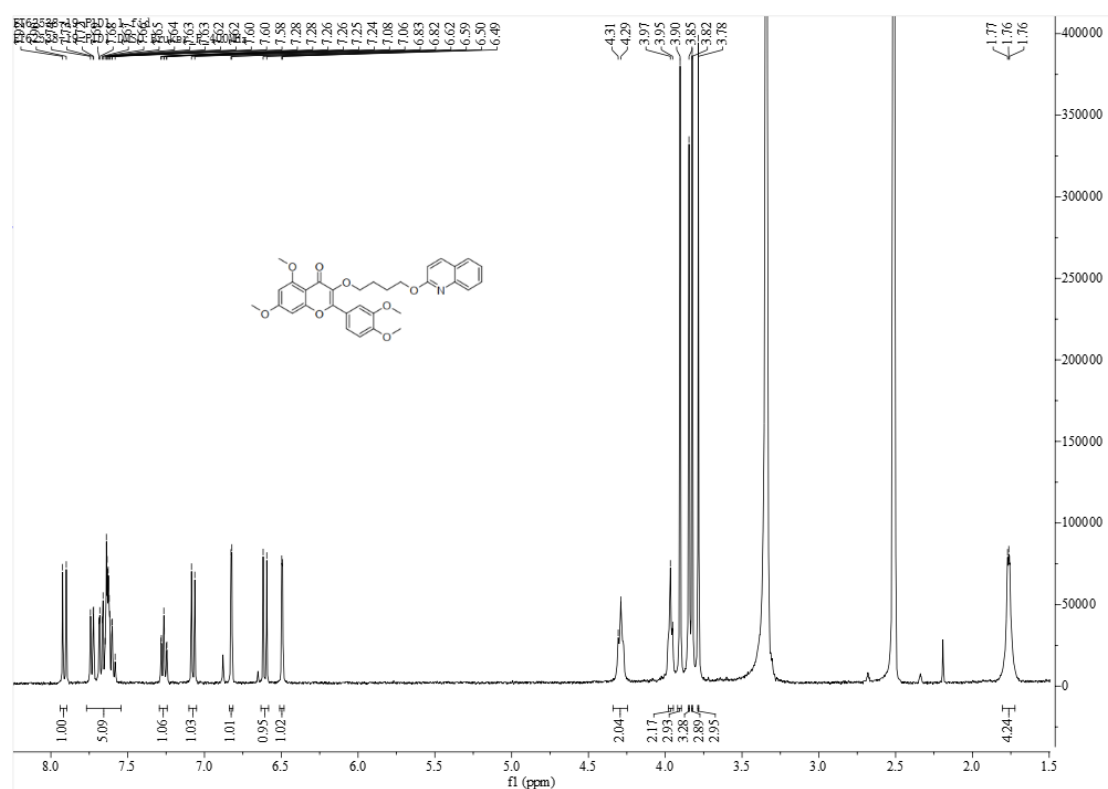
¹³C-NMR spectrum of 2-(3,4-dimethoxyphenyl)-5,7-dimethoxy-3-(3-(quinolin-7-yloxy)propoxy)-4H-chromen-4-one (**3j**)

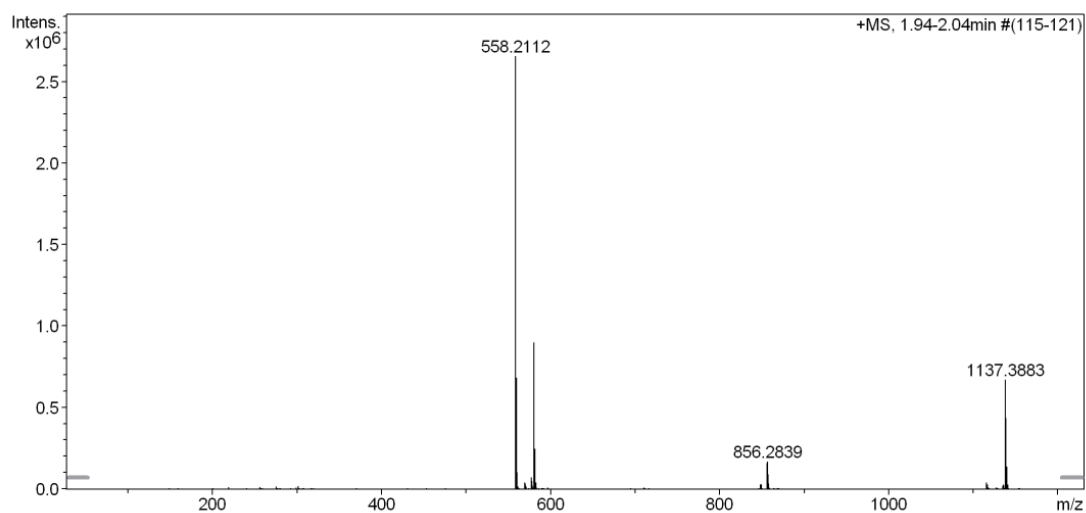


HRMS spectrum of 2-(3,4-dimethoxyphenyl)-5,7-dimethoxy-3-(3-(quinolin-7-yloxy)propoxy)-4H-chromen-4-one (**3j**)

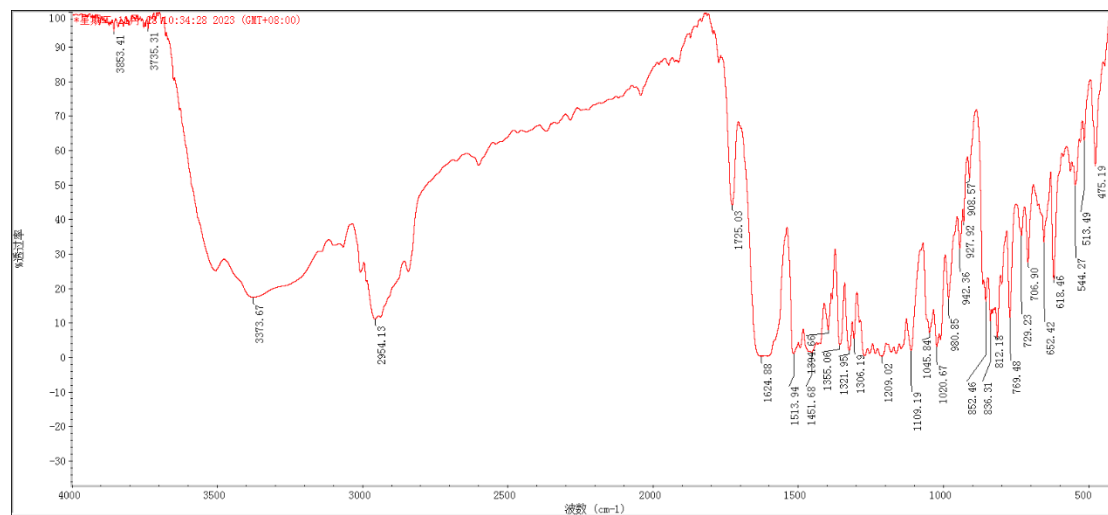


IR spectra of 2-(3,4-dimethoxyphenyl)-5,7-dimethoxy-3-(3-(quinolin-7-yloxy)propoxy)-4H-chromen-4-one (**3j**)

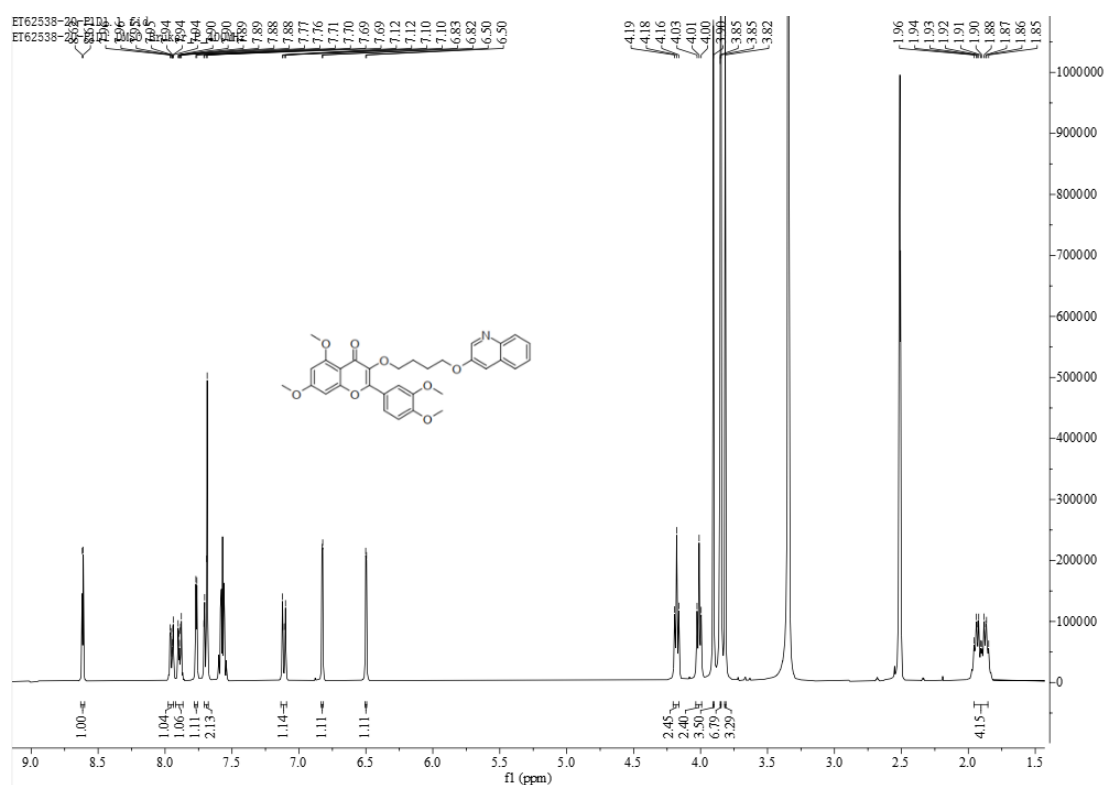




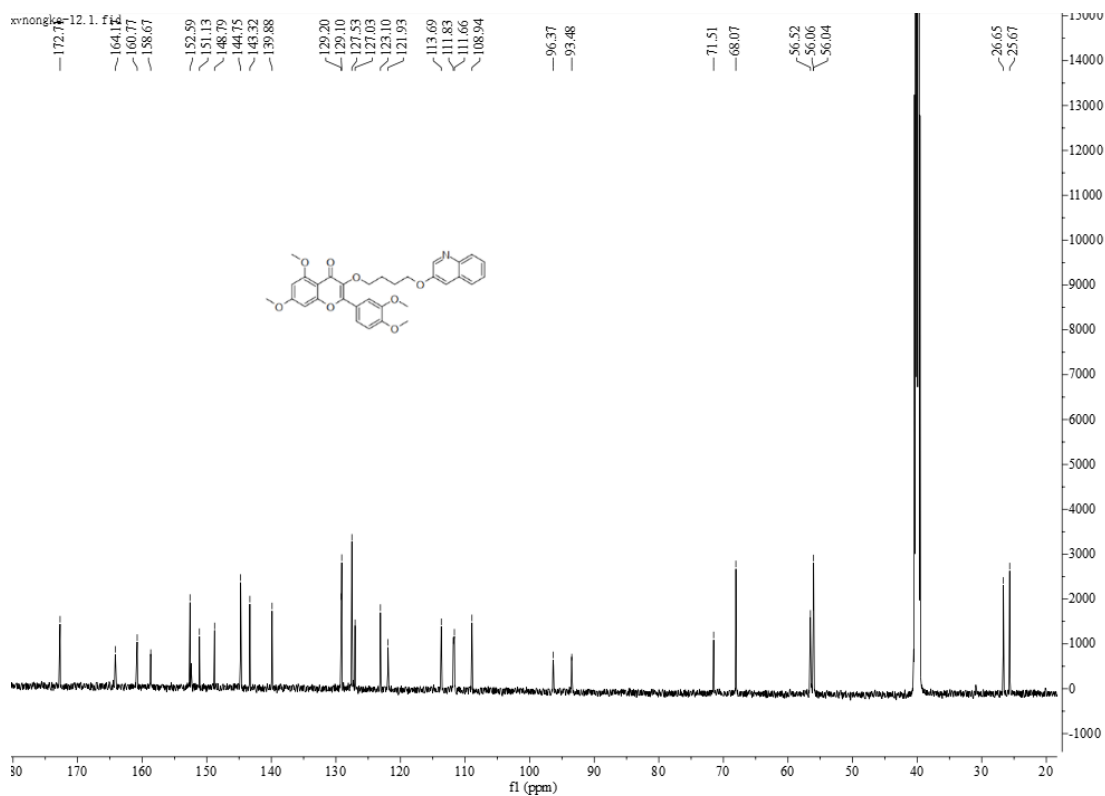
HRMS spectrum of 2-(3,4-dimethoxyphenyl)-5,7-dimethoxy-3-(4-(quinolin-2-yloxy)butoxy)-4H-chromen-4-one (**3k**)



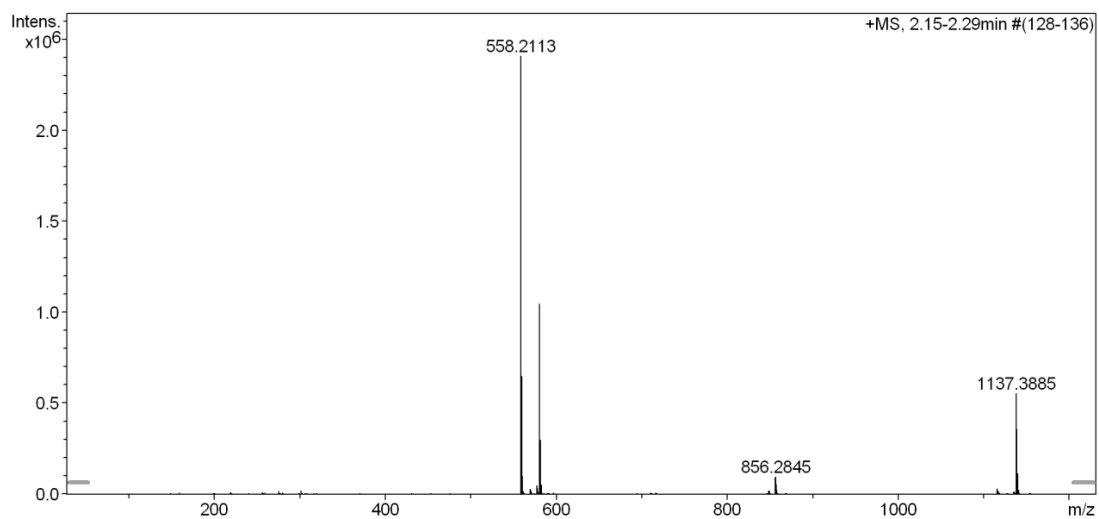
IR spectra of 2-(3,4-dimethoxyphenyl)-5,7-dimethoxy-3-(4-(quinolin-2-yloxy)butoxy)-4H-chromen-4-one (**3k**)



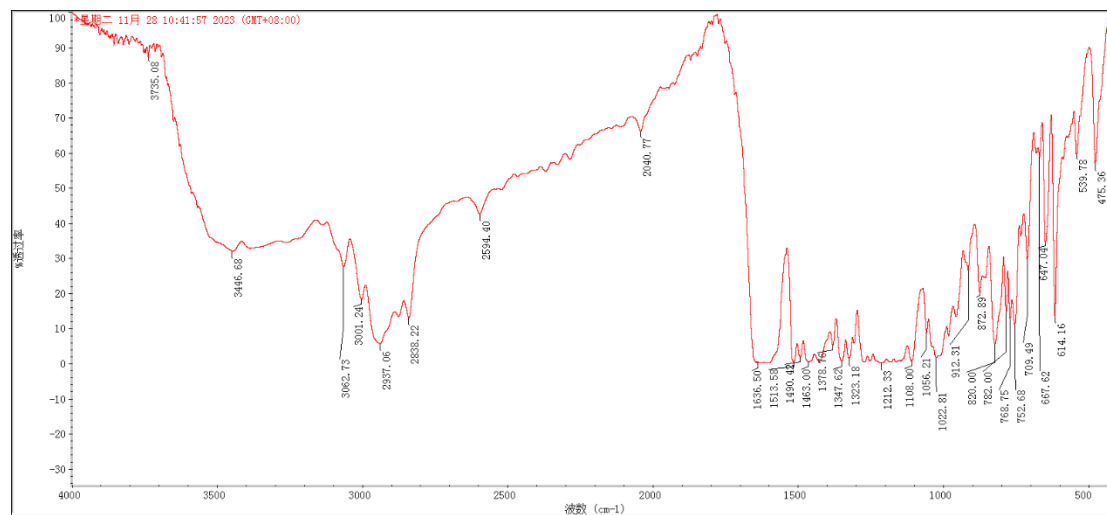
¹³C-NMR spectrum of 2-(3,4-dimethoxyphenyl)-5,7-dimethoxy-3-(4-(quinolin-3-yloxy)butoxy)-4H-chromen-4-one (31)



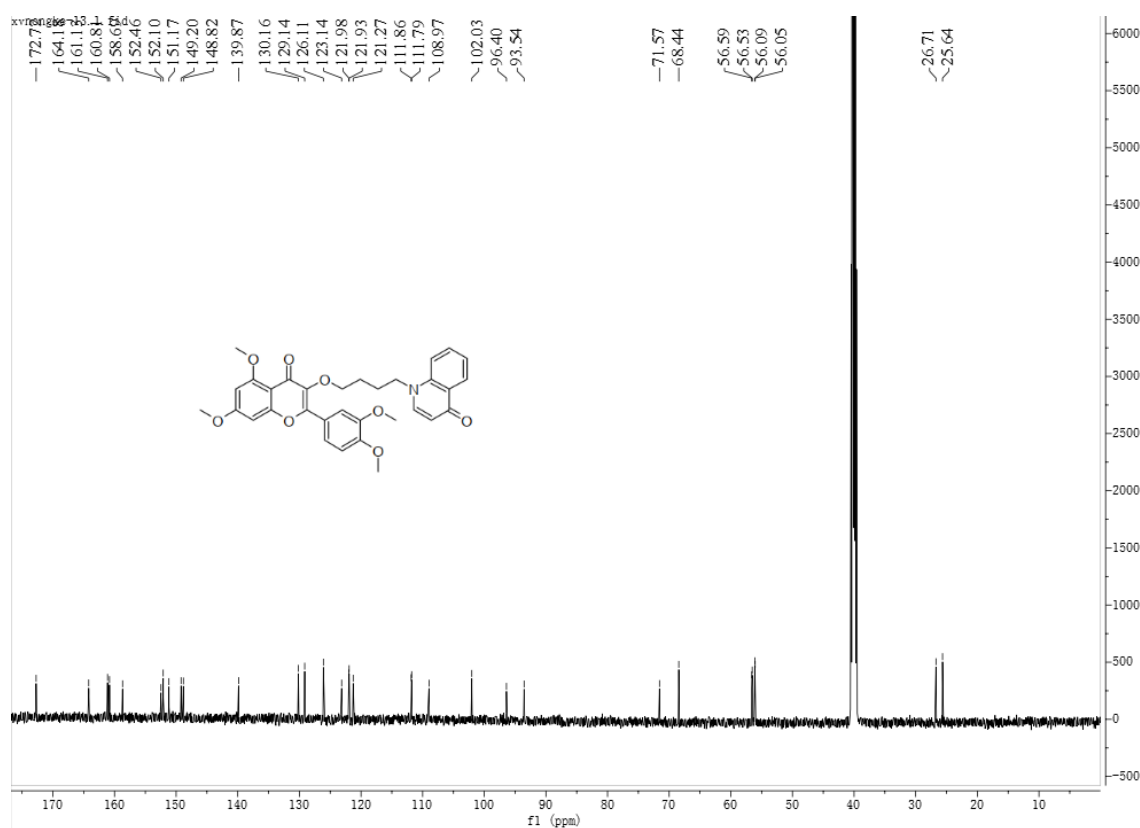
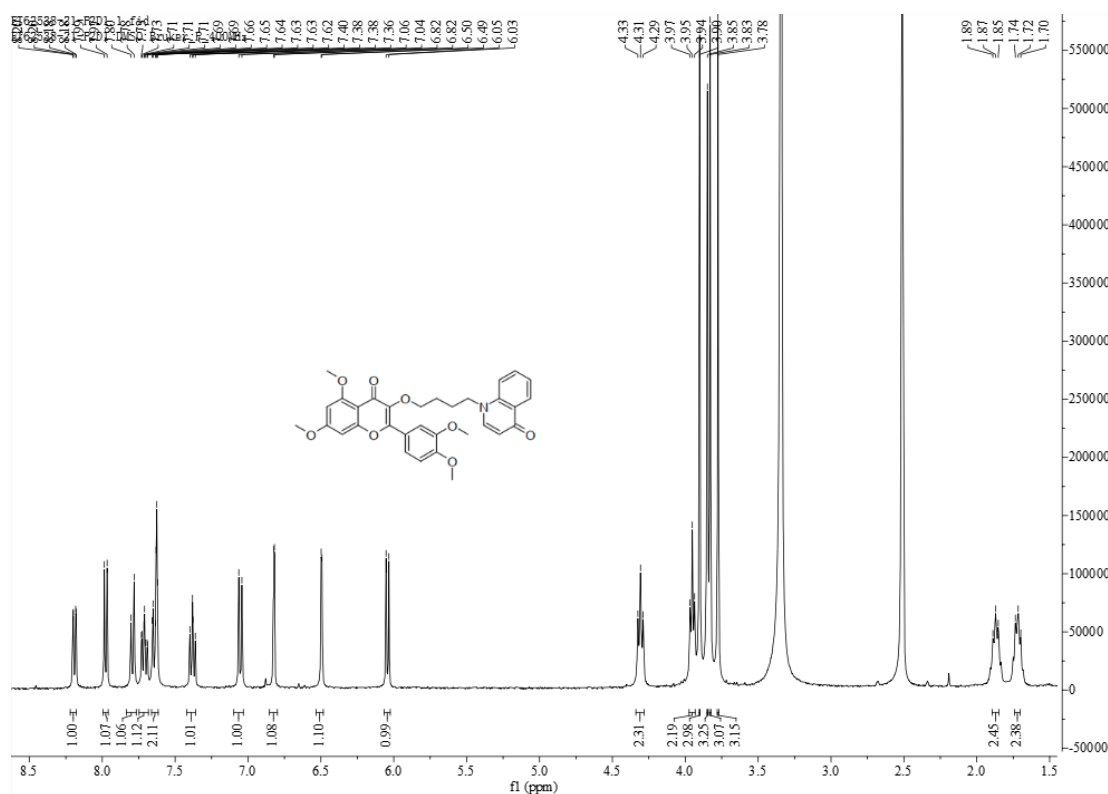
¹³C-NMR spectrum of 2-(3,4-dimethoxyphenyl)-5,7-dimethoxy-3-(4-(quinolin-3-yloxy)butoxy)-4H-chromen-4-one (31)

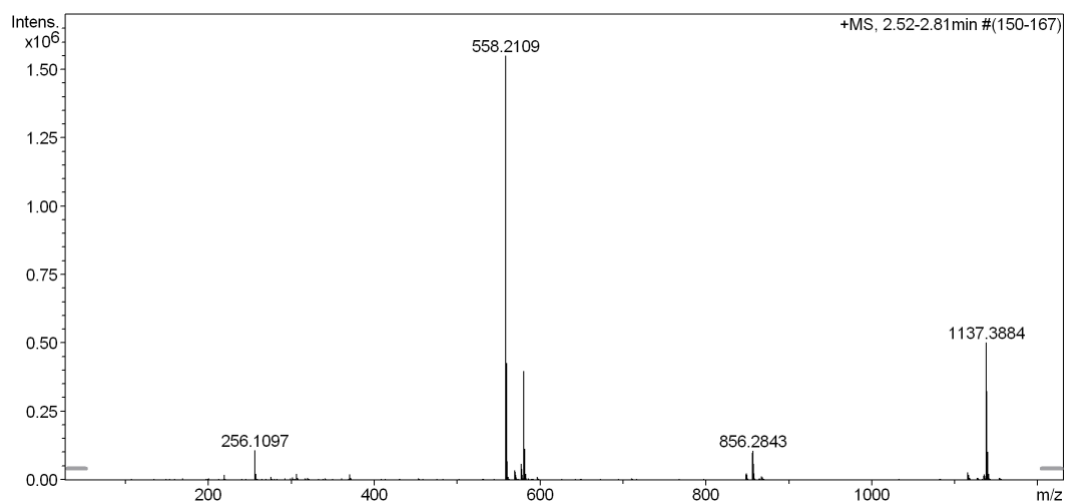


HRMS spectrum of 2-(3,4-dimethoxyphenyl)-5,7-dimethoxy-3-(4-(quinolin-3-yloxy)butoxy)-4H-chromen-4-one (**31**)

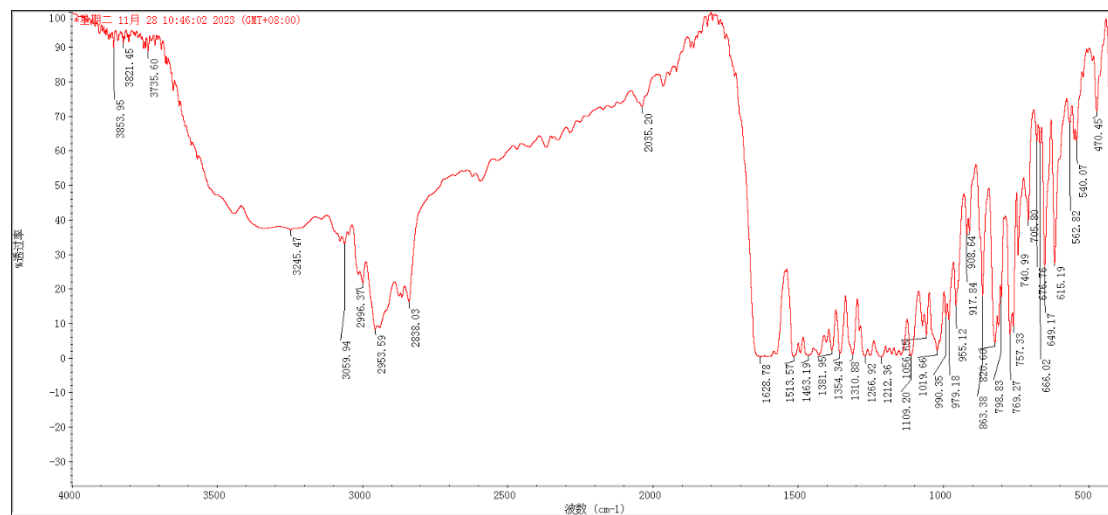


IR spectra of 2-(3,4-dimethoxyphenyl)-5,7-dimethoxy-3-(4-(quinolin-3-yloxy)butoxy)-4H-chromen-4-one (**31**)

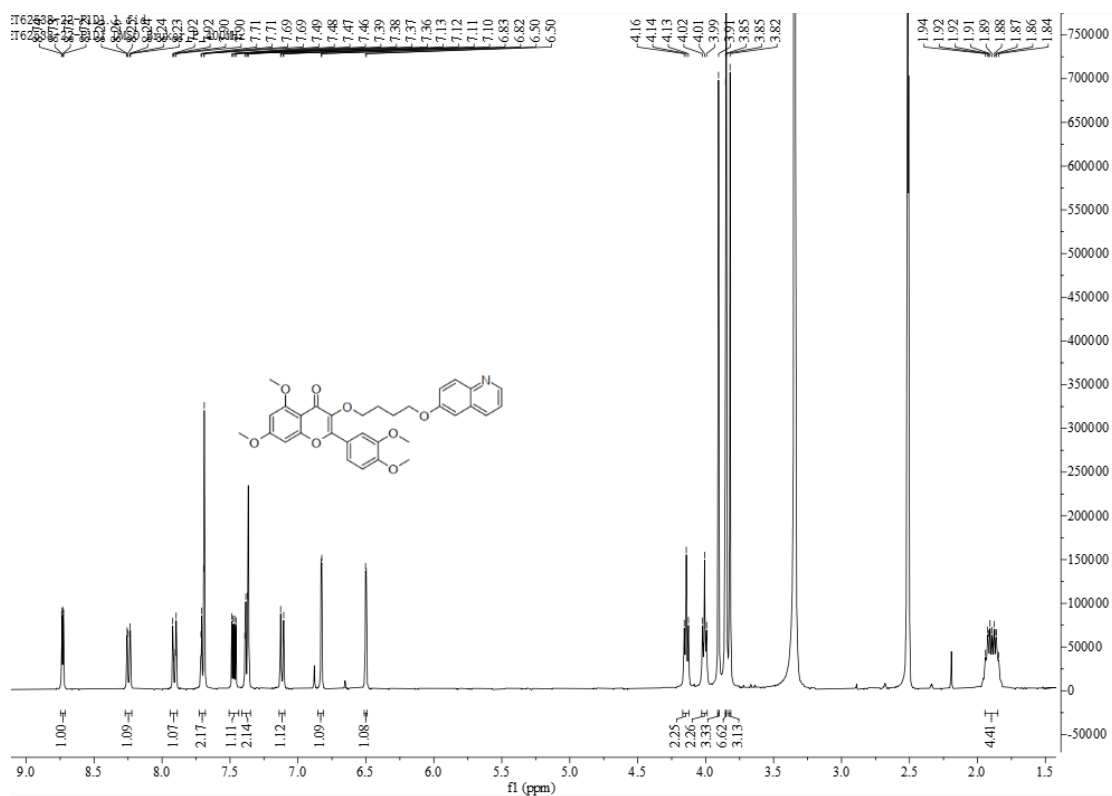




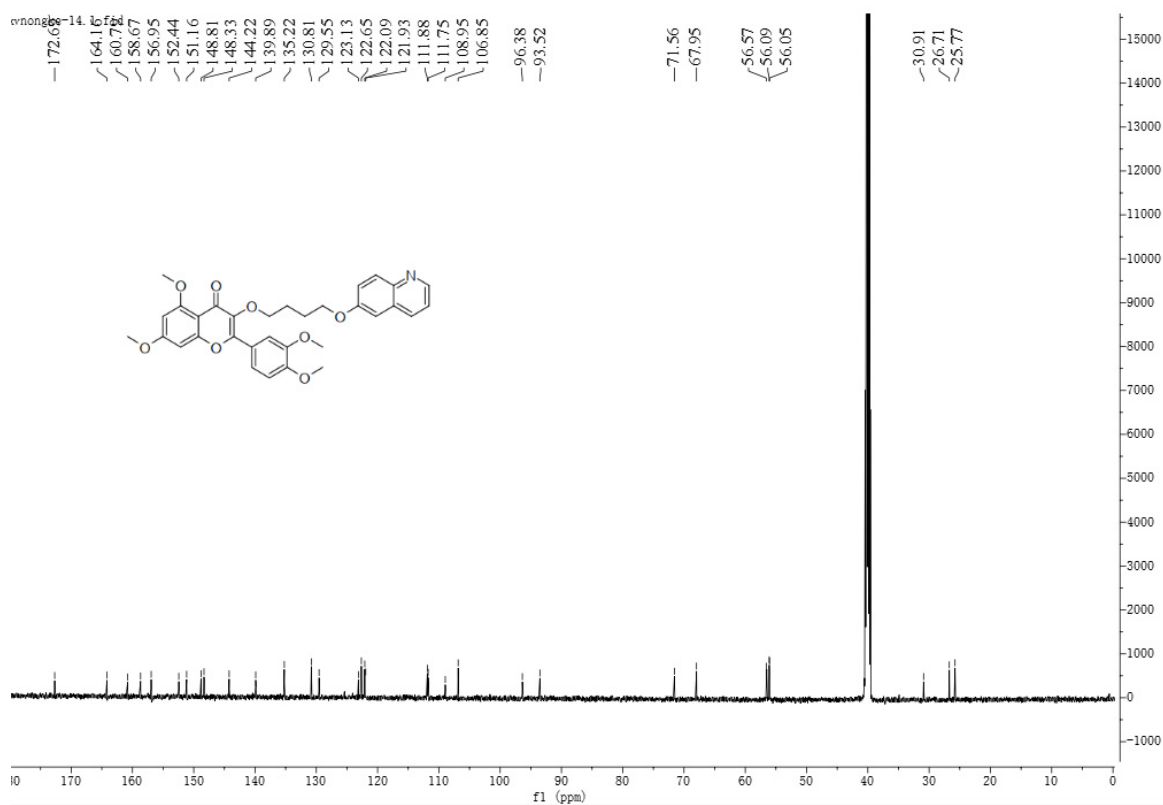
HRMS spectrum of 2-(3,4-dimethoxyphenyl)-5,7-dimethoxy-3-(4-(quinolin-4-yloxy)butoxy)-4H-chromen-4-one (**3m**)



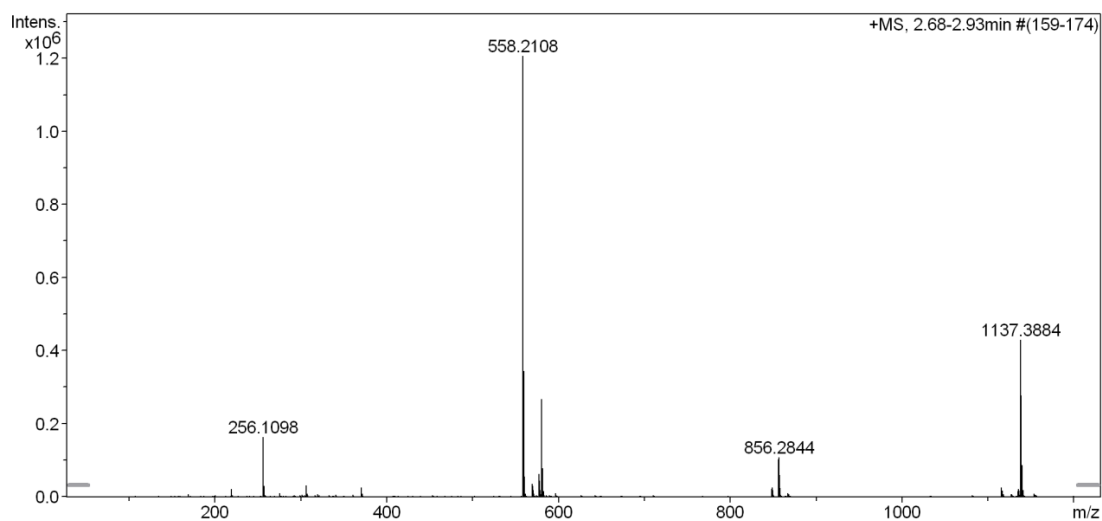
IR spectra of 2-(3,4-dimethoxyphenyl)-5,7-dimethoxy-3-(4-(quinolin-4-yloxy)butoxy)-4H-chromen-4-one (**3m**)



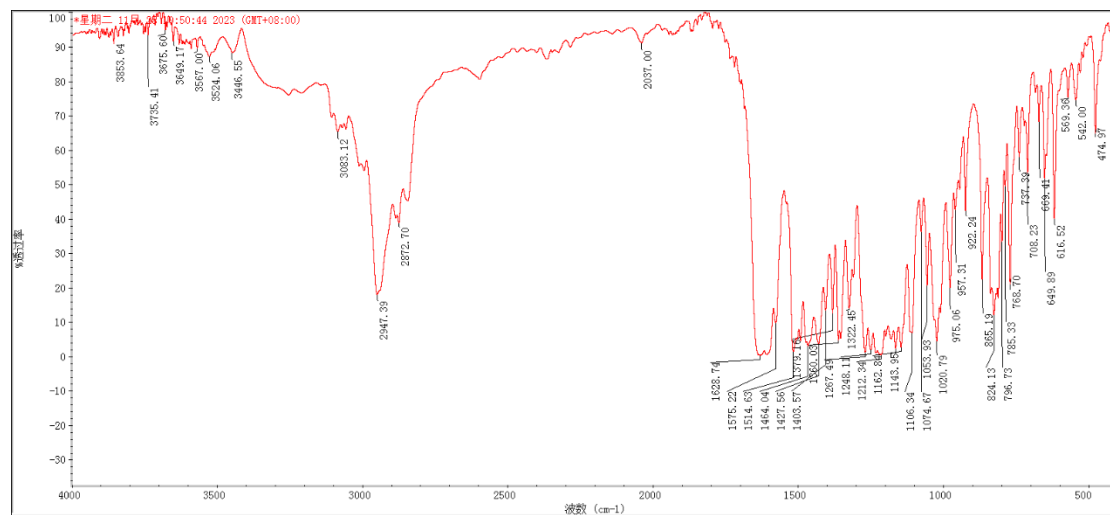
¹H-NMR spectrum of 2-(3,4-dimethoxyphenyl)-5,7-dimethoxy-3-(4-(quinolin-6-yloxy)butoxy)-4H-chromen-4-one (**3n**)



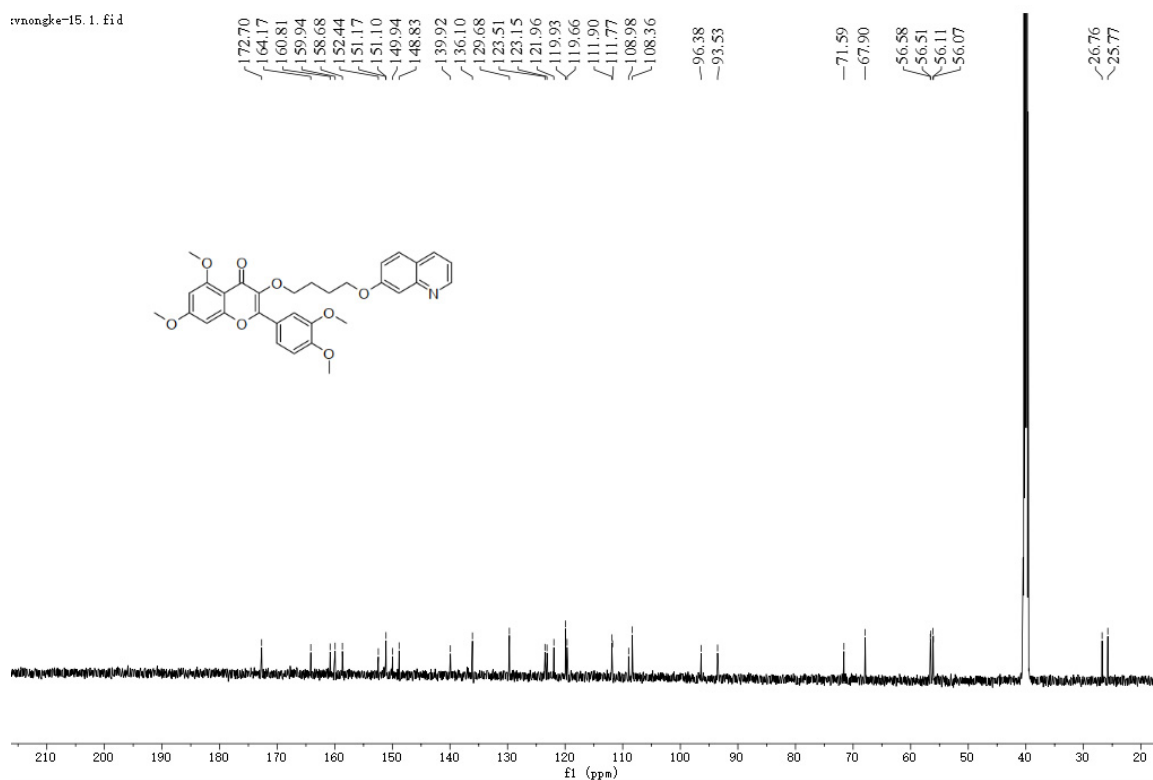
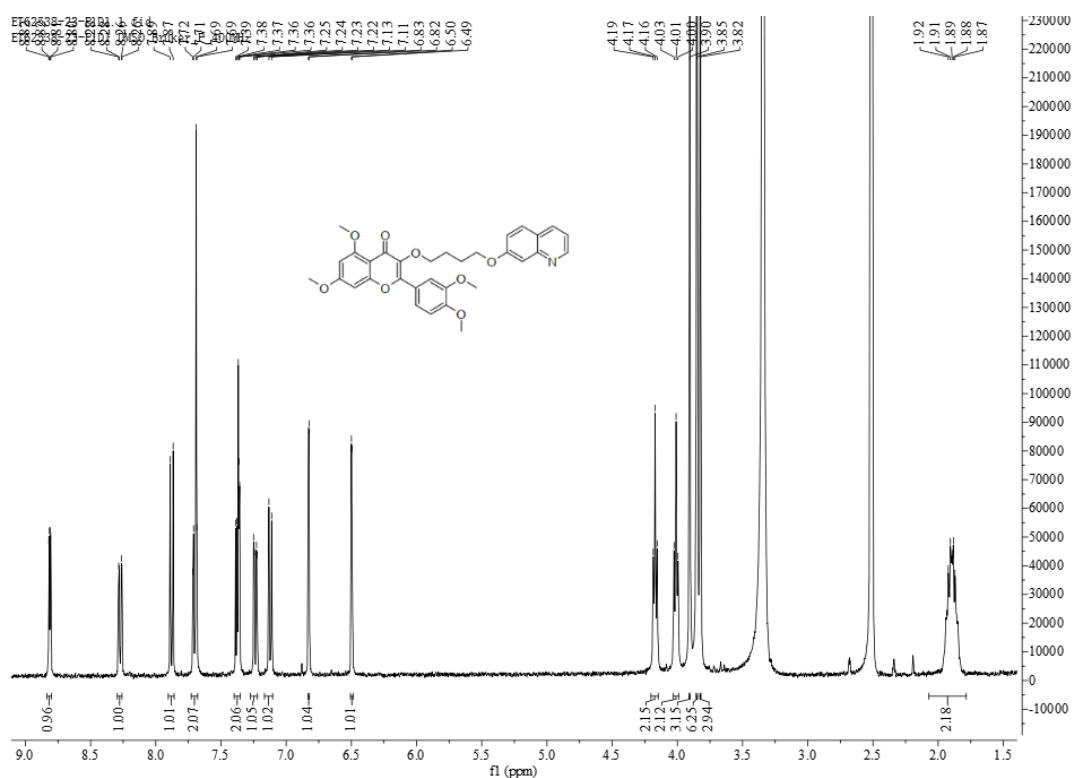
¹³C-NMR spectrum of 2-(3,4-dimethoxyphenyl)-5,7-dimethoxy-3-(4-(quinolin-6-yloxy)butoxy)-4H-chromen-4-one (**3n**)

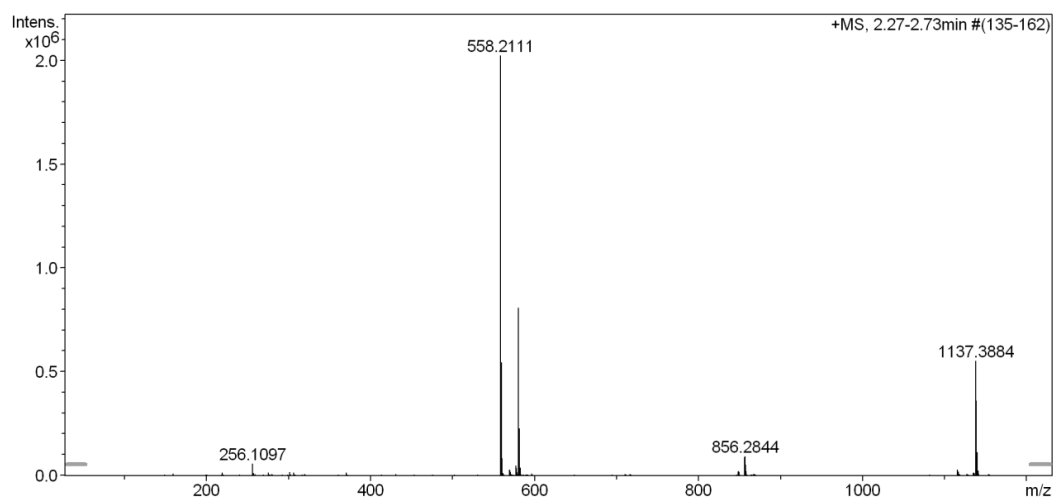


HRMS spectrum of 2-(3,4-dimethoxyphenyl)-5,7-dimethoxy-3-(4-(quinolin-6-yloxy)butoxy)-4H-chromen-4-one (**3n**)

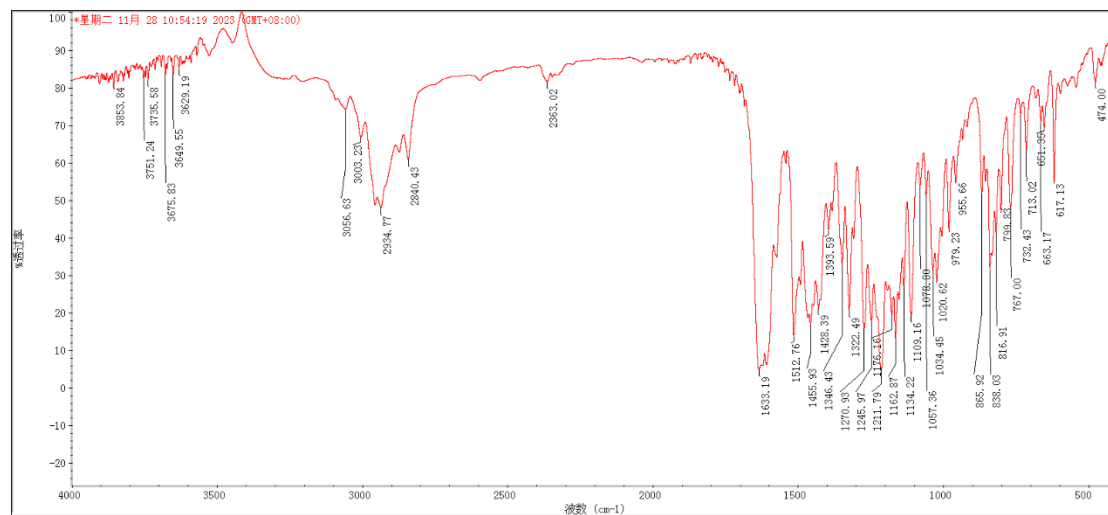


IR spectra of 2-(3,4-dimethoxyphenyl)-5,7-dimethoxy-3-(4-(quinolin-6-yloxy)butoxy)-4H-chromen-4-one (**3n**)





HRMS spectrum of 2-(3,4-dimethoxyphenyl)-5,7-dimethoxy-3-(4-(quinolin-7-yloxy)butoxy)-4H-chromen-4-one (**30**)



IR spectra of 2-(3,4-dimethoxyphenyl)-5,7-dimethoxy-3-(4-(quinolin-7-yloxy)butoxy)-4H-chromen-4-one (**30**)