Thermal stability and kinetics of degradation of moxonidine as pure ingredient vs. pharmaceutical formulation

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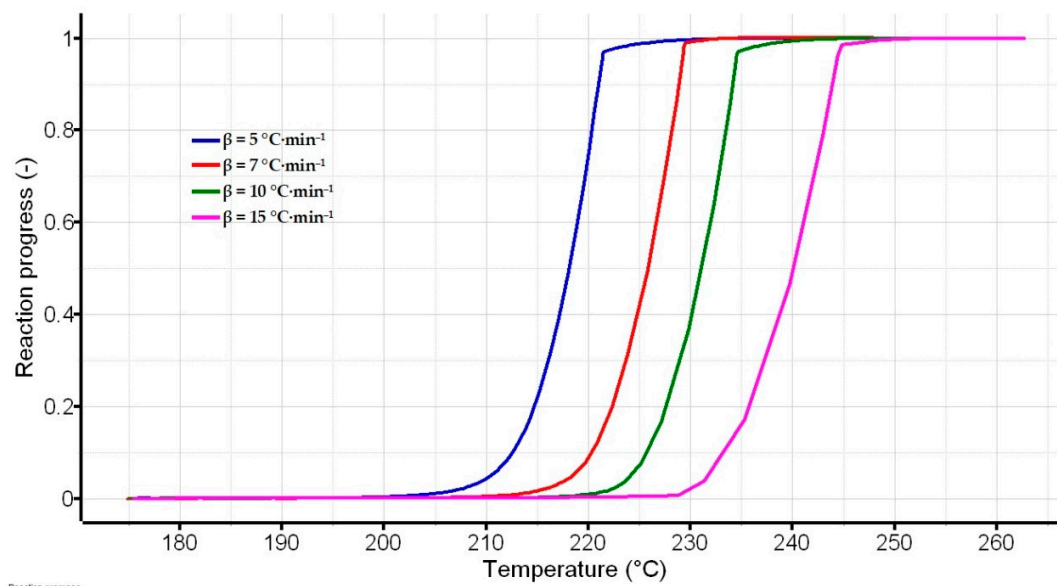
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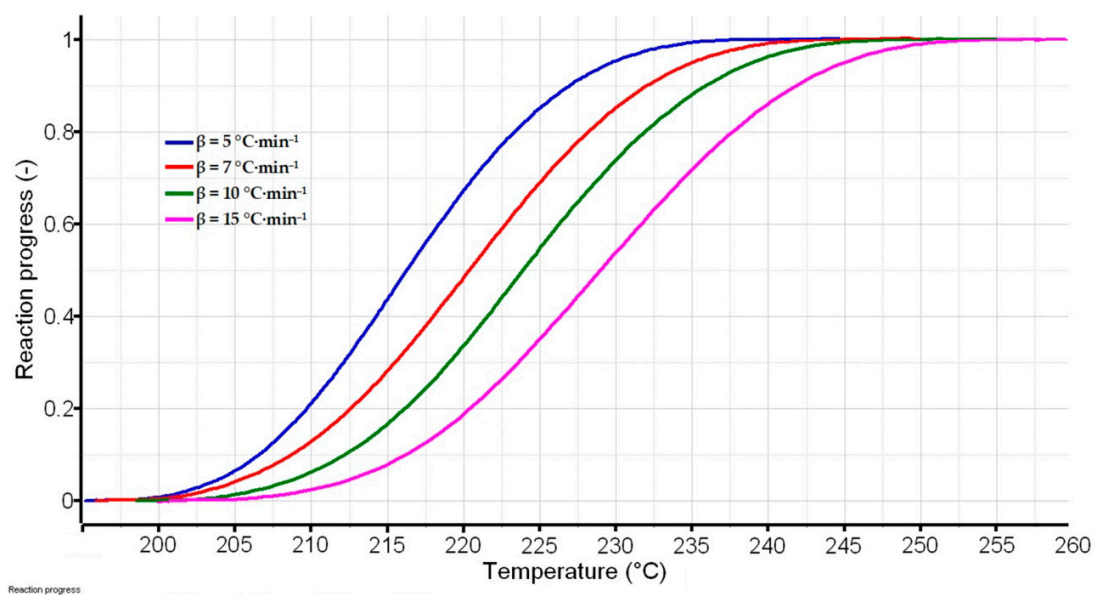
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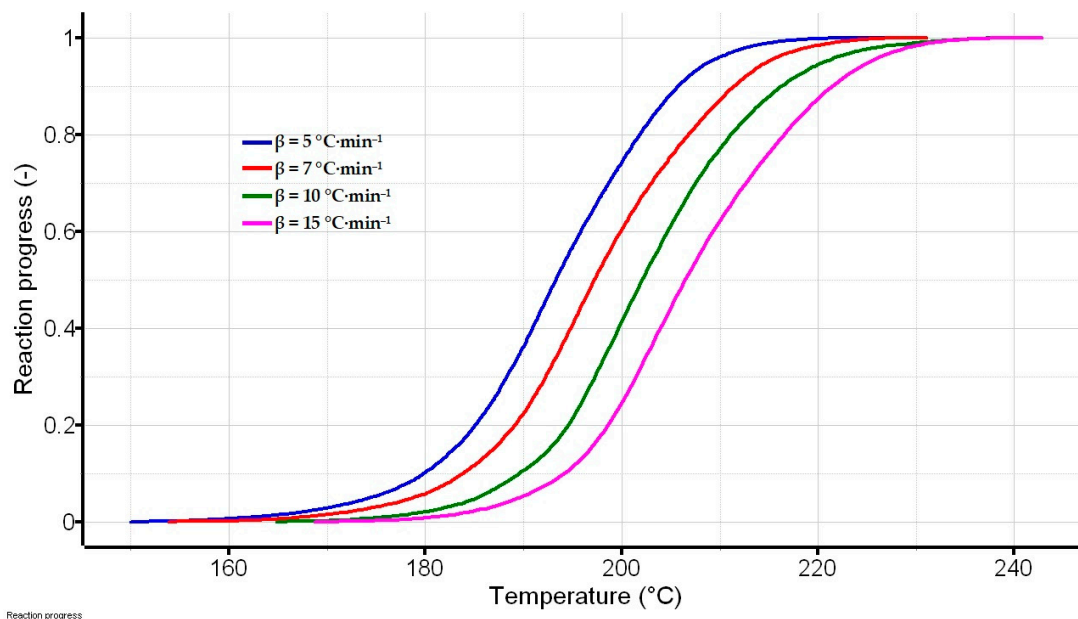*Correspondence: afulias@umft.ro; francisc.peter@upt.ro
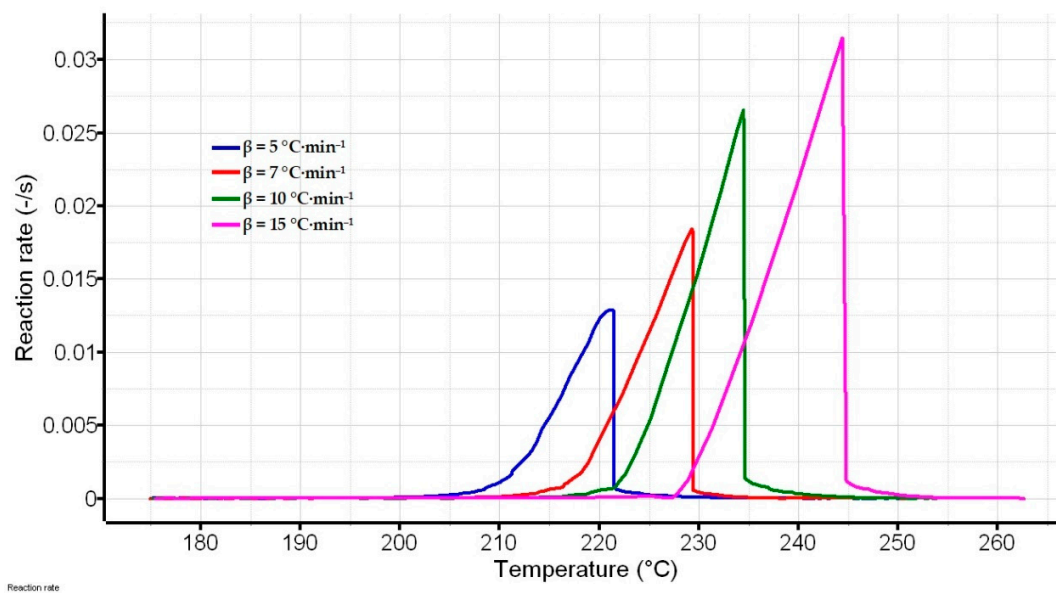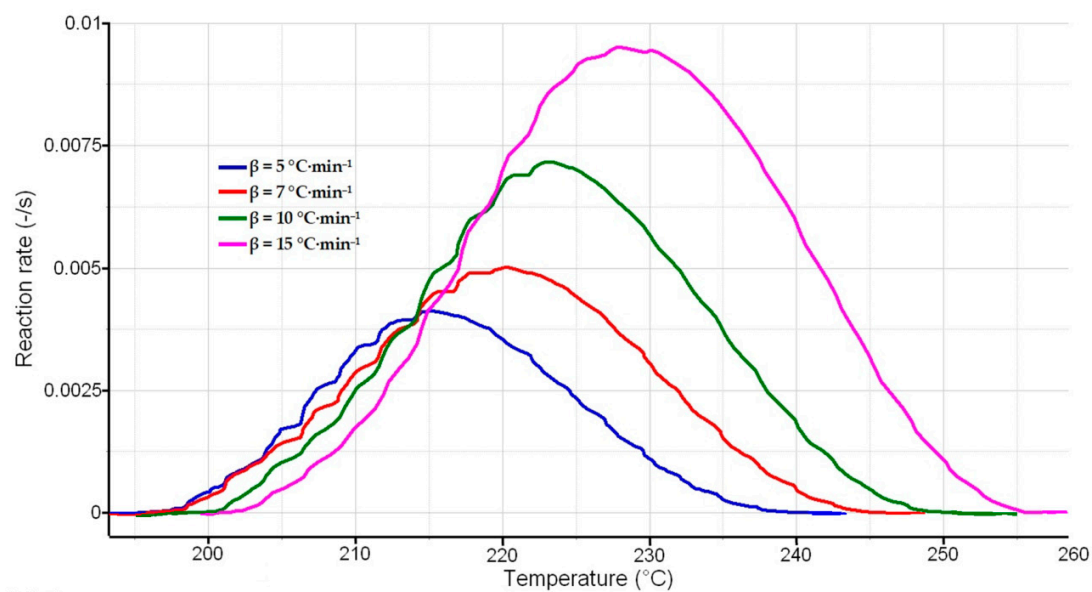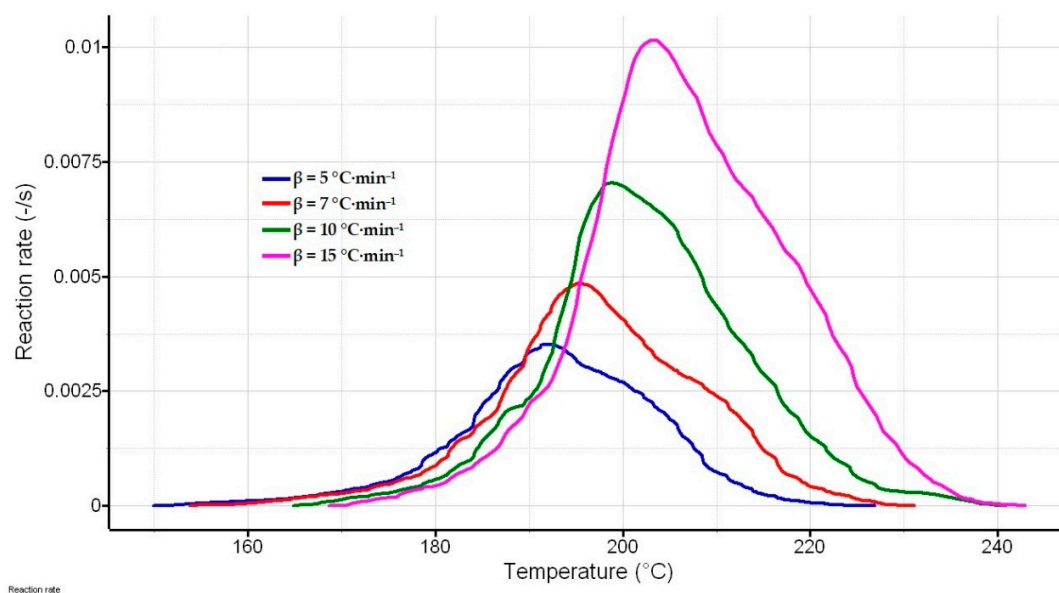
Supplementary materials

Reaction progress

(a)

Reaction progress

(b)

Reaction progress

(**c**)

Figure S1. The reaction progress vs. temperature at selected heating rates for: (**a**) MOX; (**b**) MOXTAB; and (**c**) MOXMIX.
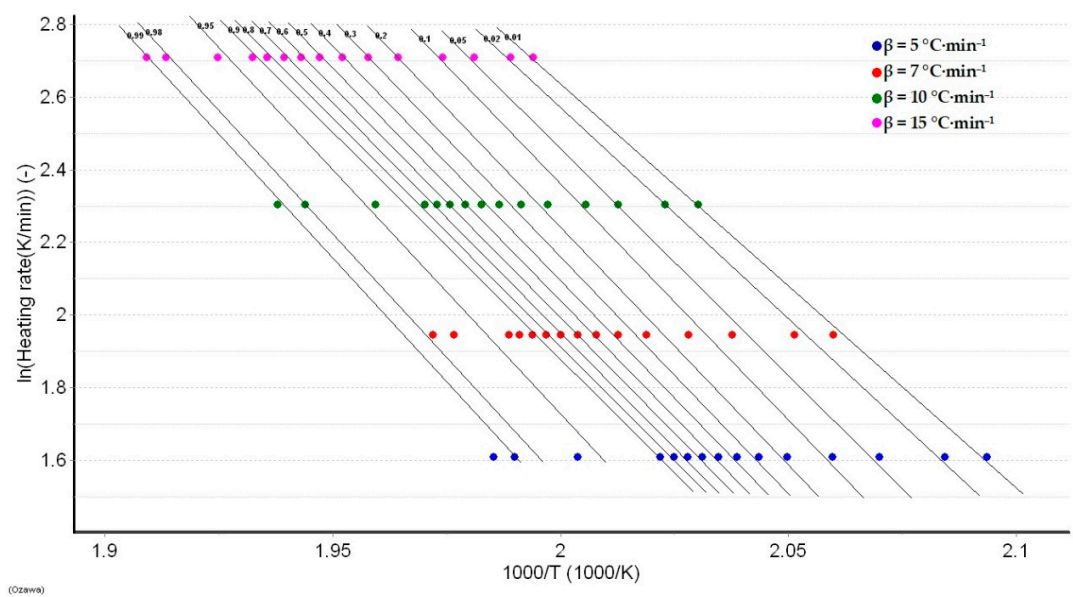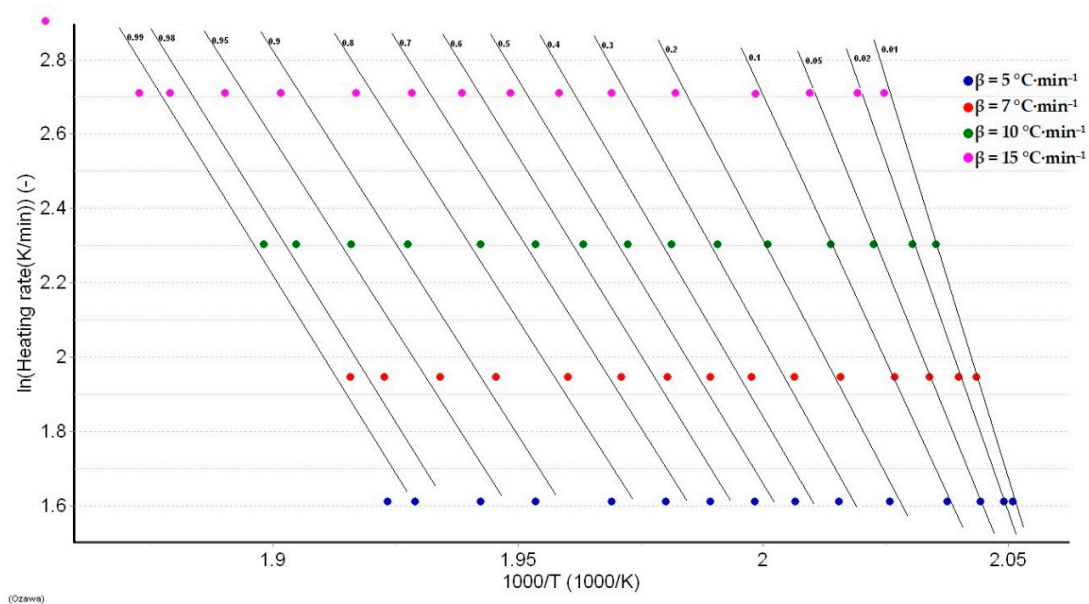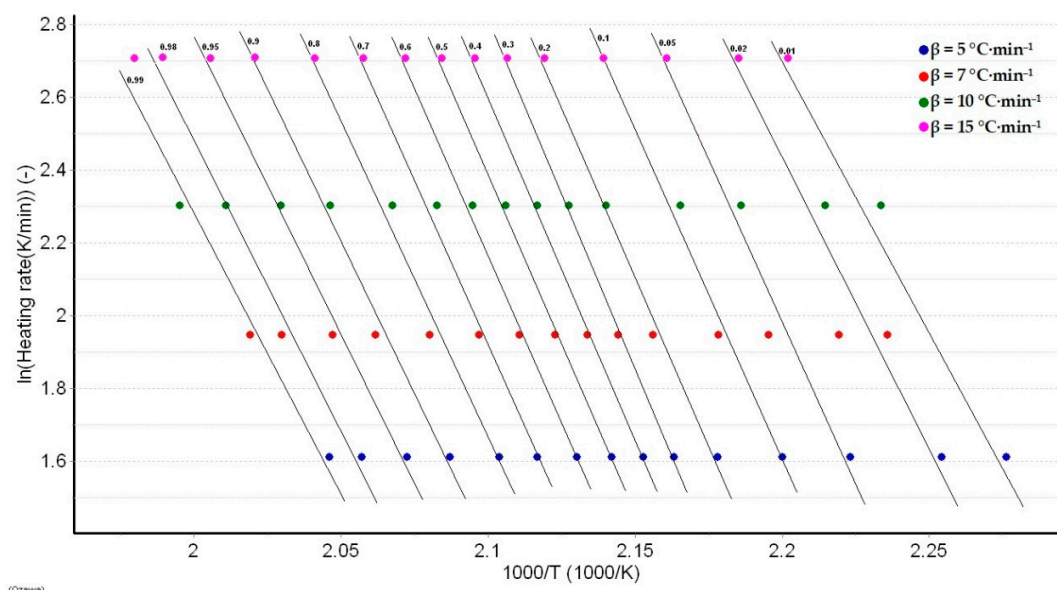

Reaction rate

(**a**)

(**b**)

(**c**)

Figure S2. The reaction rate vs. temperature at selected heating rates for: (**a**) MOX; (**b**) MOXTAB; and (**c**) MOXMIX.
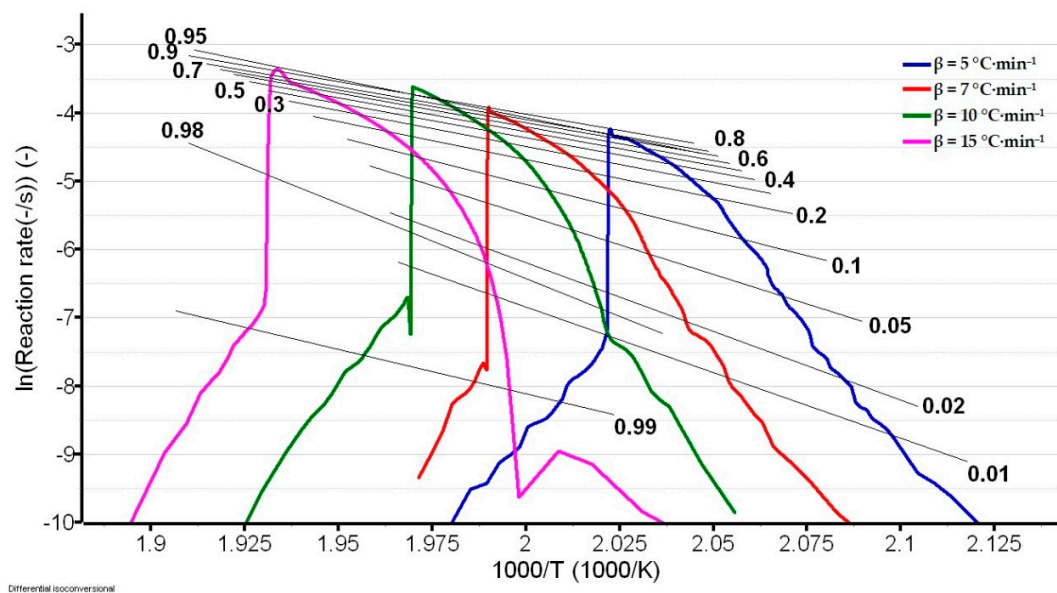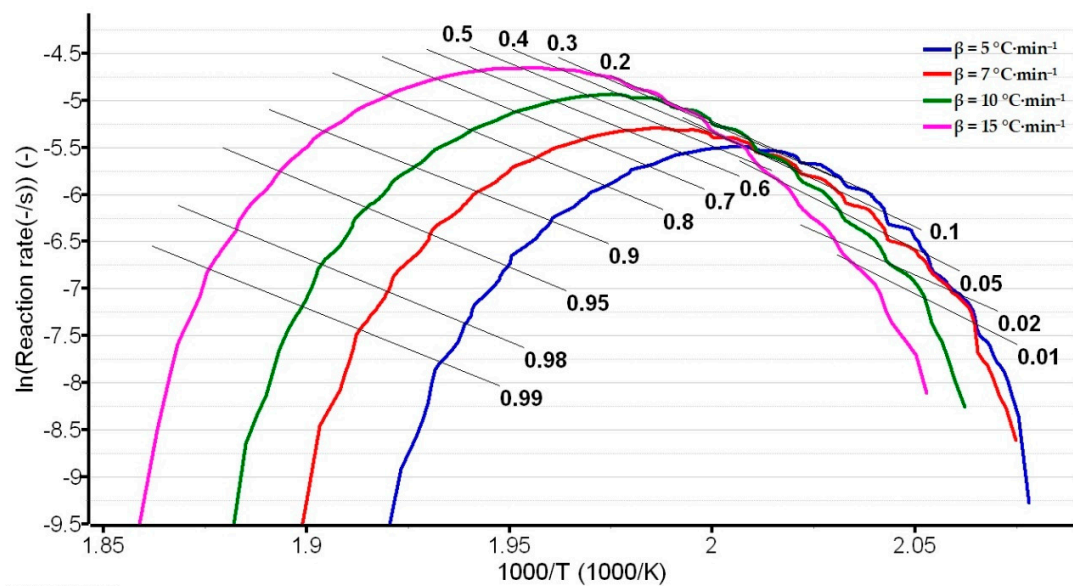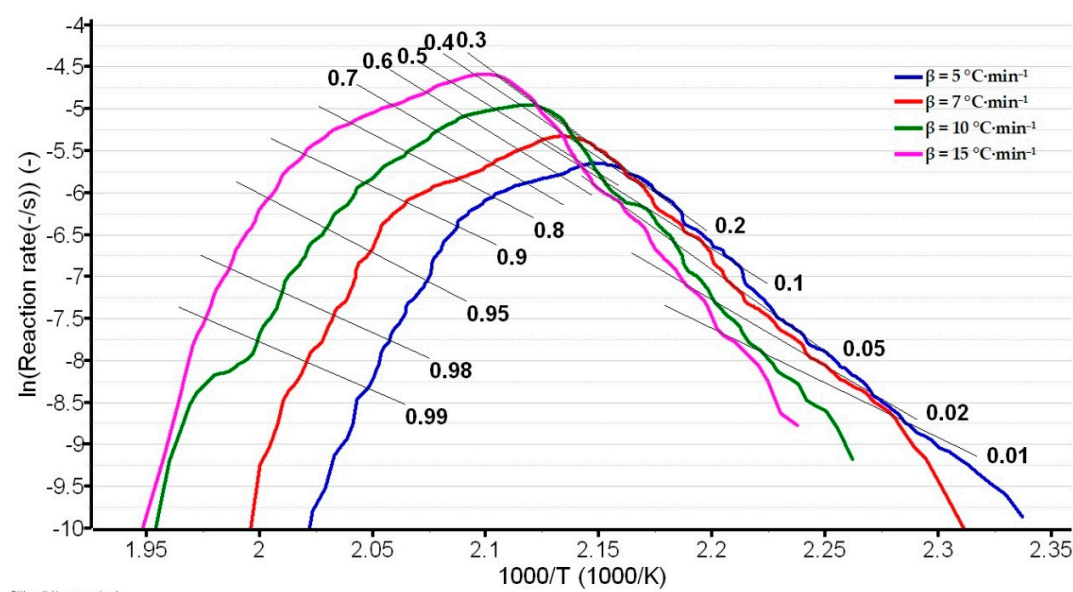
(**a**)

(**b**)

(c)

Figure S3. Linear plot of FWO integral isoconversional method of the analyzed decomposition process for: (**a**) MOX; (**b**) MOXTAB; and (**c**) MOXMIX.
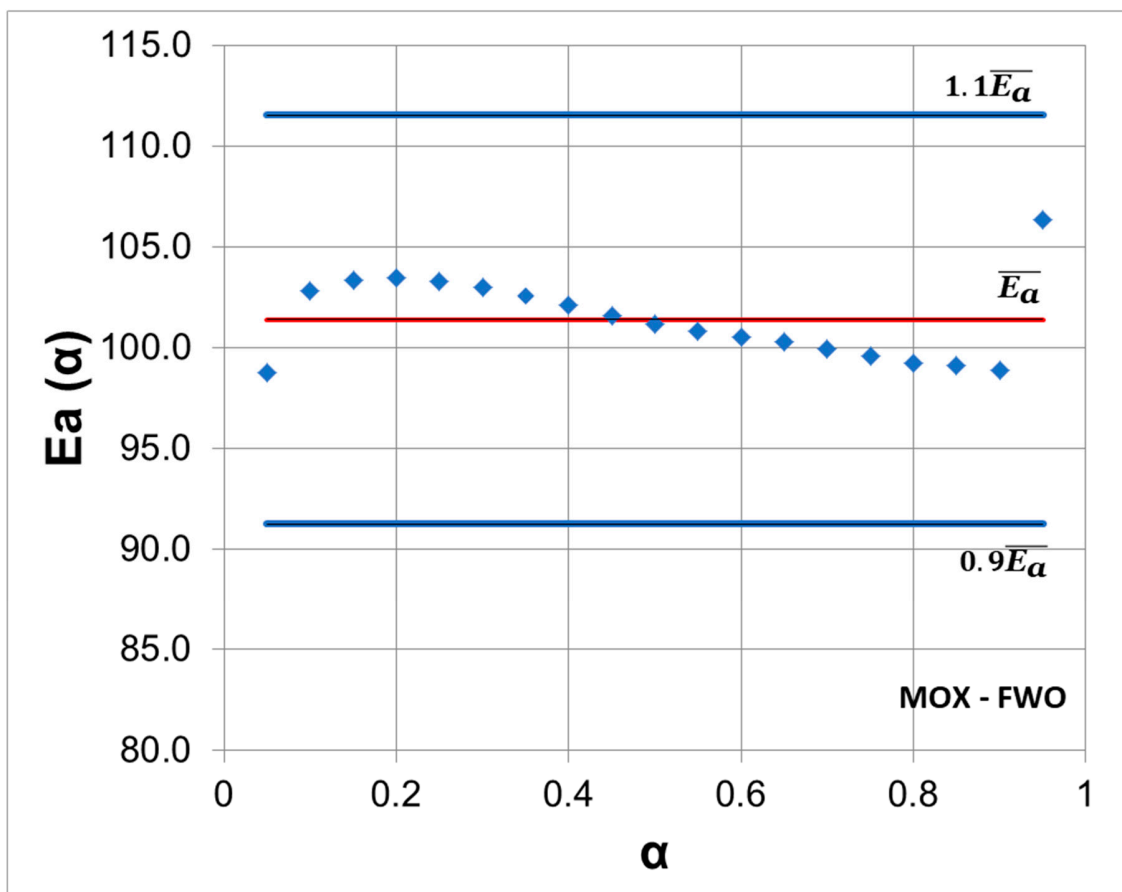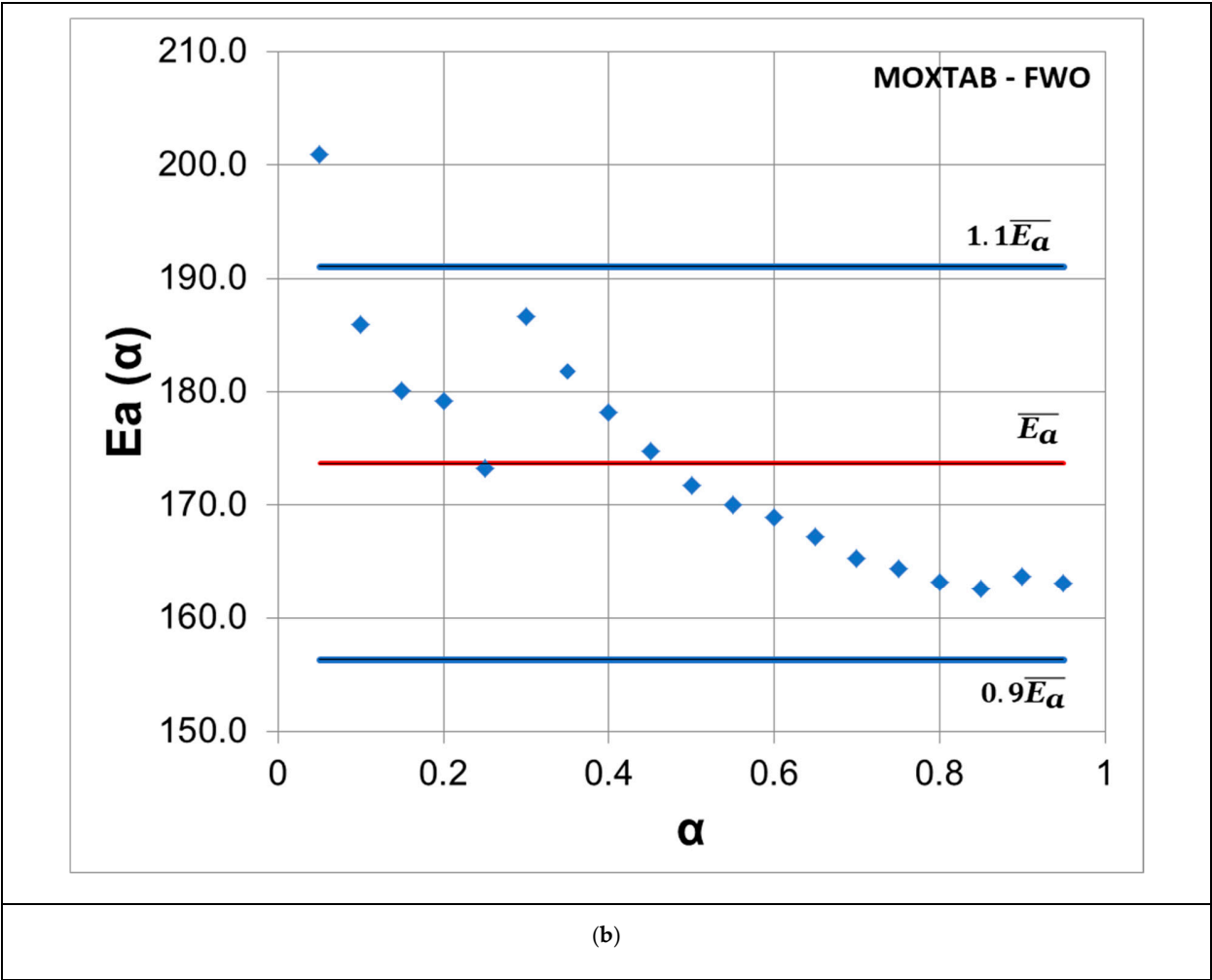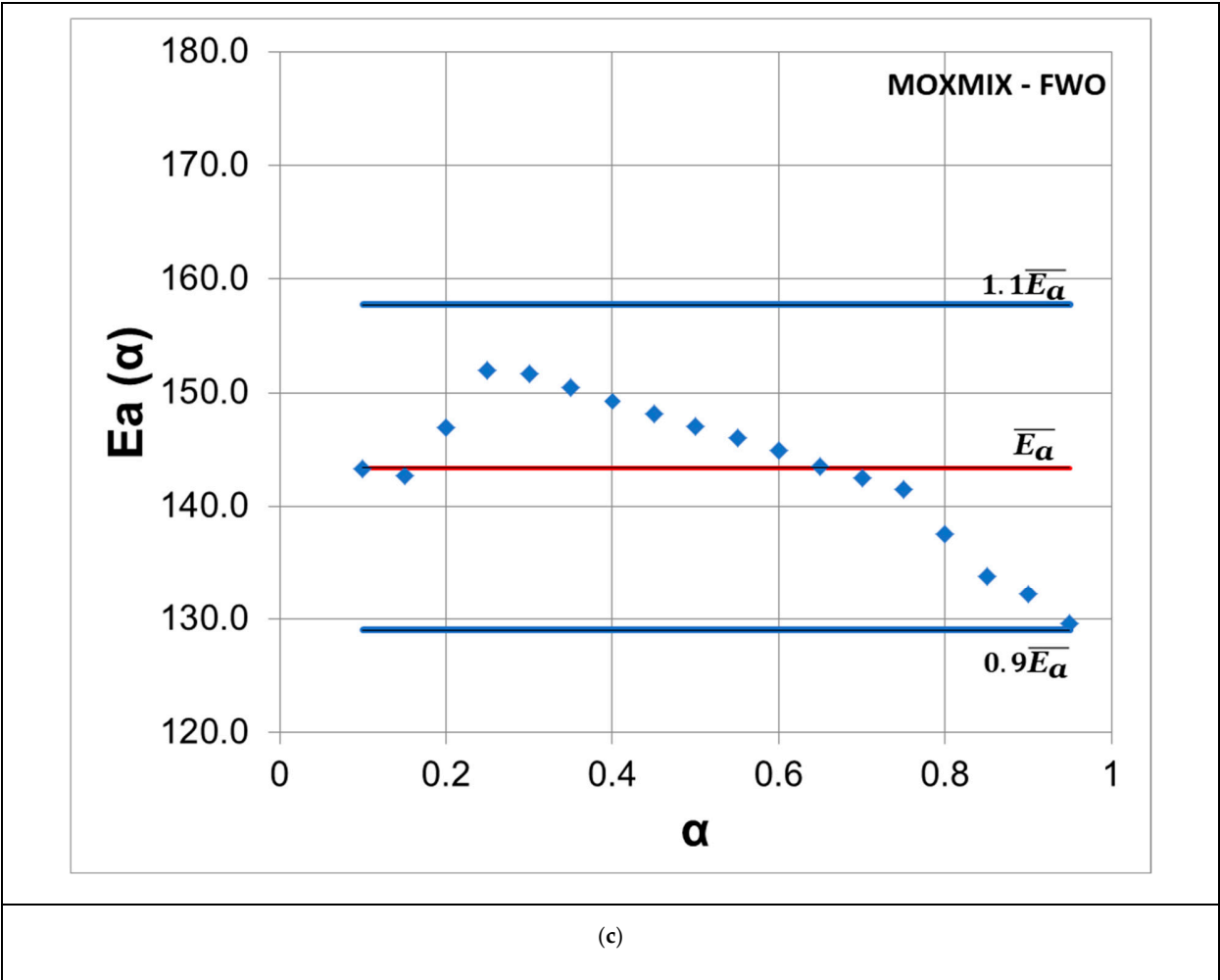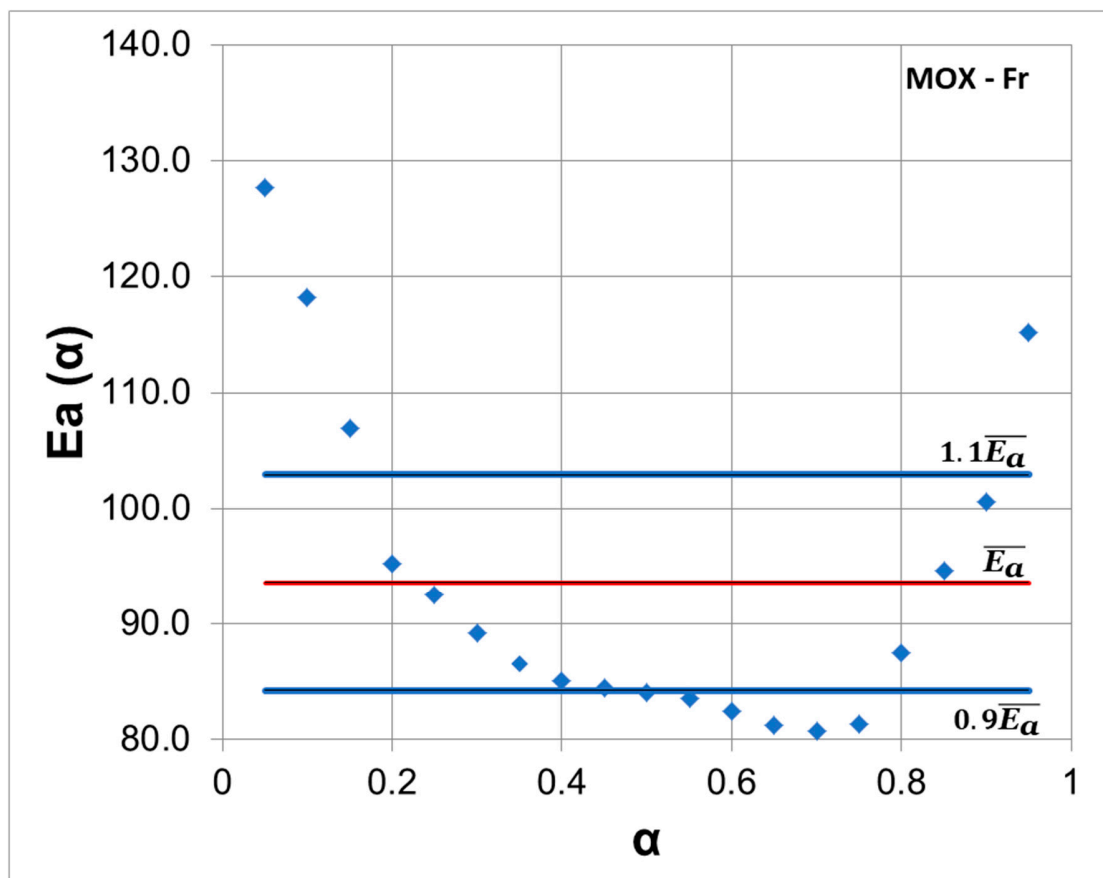

(a)

(**b**)

(**c**)

Figure S4. Linear plotting of FR differential isoconversional method of the analyzed process of decomposition for: (**a**) MOX; (**b**) MOXTAB; and (**c**) MOXMIX.
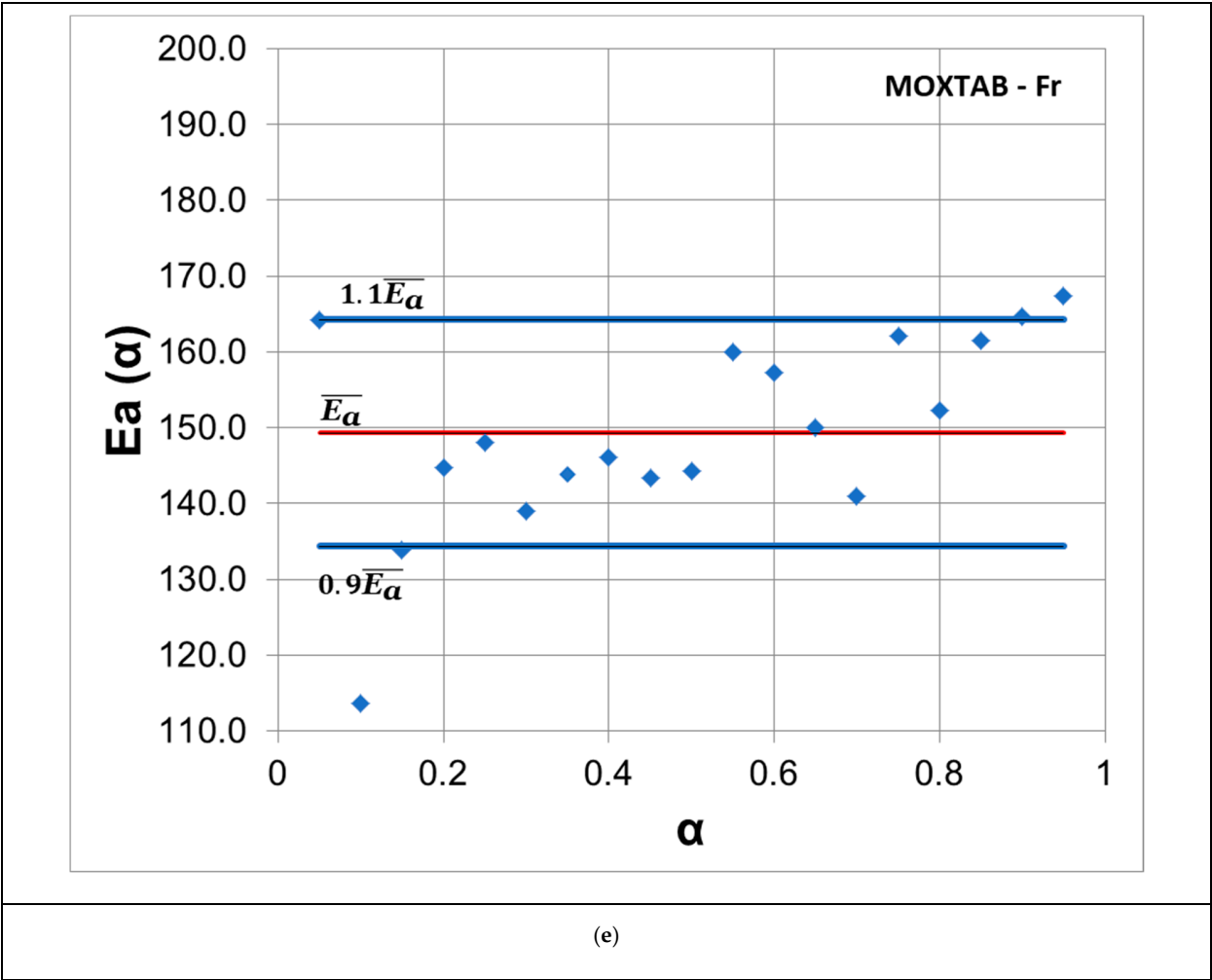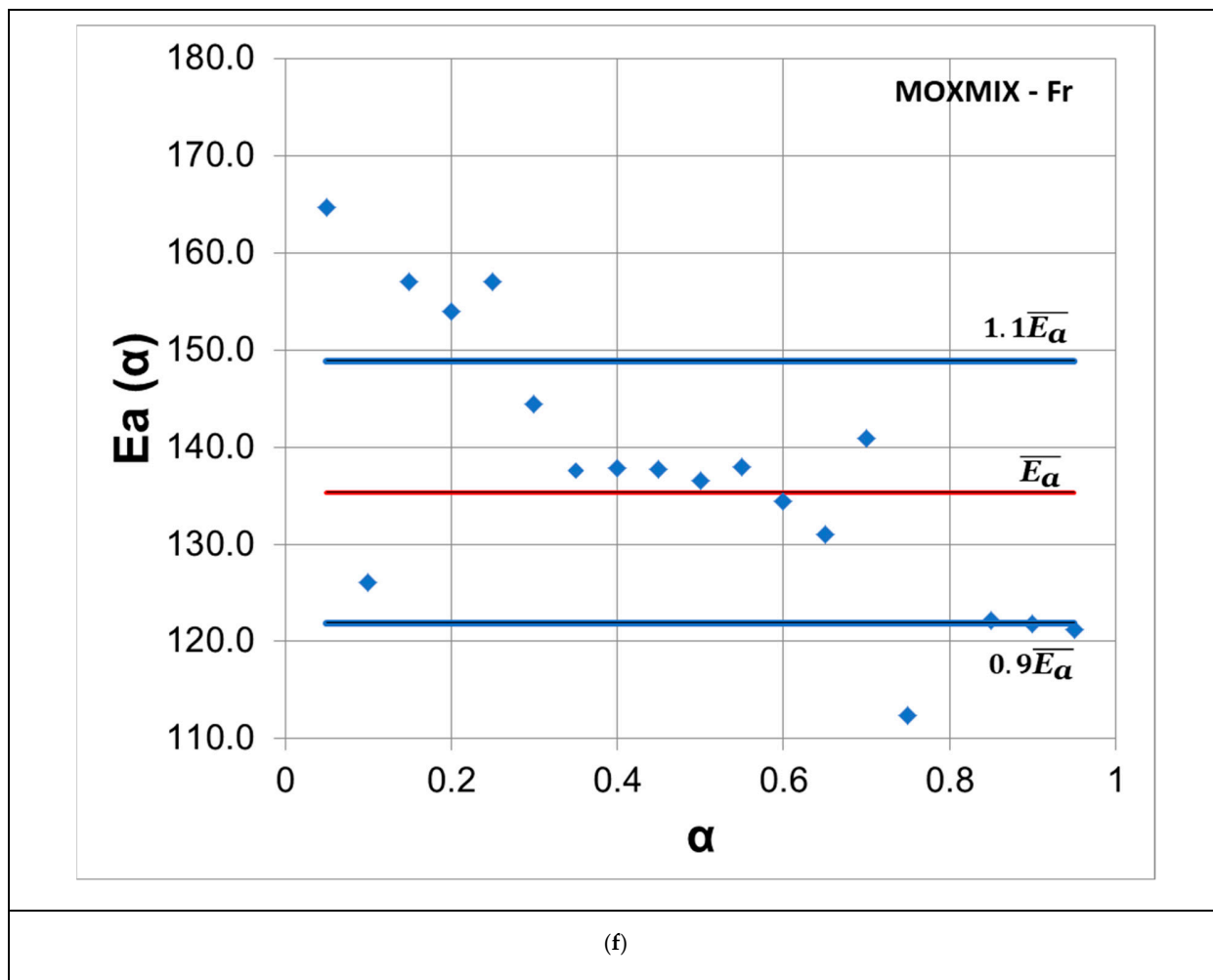
(a)

(b)

(c)

(d)

(e)

(**f**)

Figure S5. Variation in E_a vs. α according to FWO integral isoconversional method (**a,b,c**) and FR differential isoconversional method (**d,e,f**) of the analyzed decomposition process for: (**a,d**) MOX; (**b,e**) MOXTAB; and (**c,f**) MOXMIX.