

Supplementary Materials

Article

Chemical Profiling, Pharmacological Insights and In Silico Studies of Methanol Seeds Extract of *Sterculia foetida*

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Table S1. Phytochemical screening of methanol extract of *Sterculia foetida* seeds.

Test	Methanol Extract
Alkaloids	++
Glycoside	-
Quinones	-
Flavonoids	++
Saponins	+
Cholesterol	++
Carbohydrates	++
Phenol	+
Terpenoids	++
Steroids	+
Protein	+

Here, (+) weak presence; (++) presence; (-) absence.

Table S2. LC₅₀ values with regression equation for MESF with reference to vincristine sulfate.

LC ₅₀ Values (µg/mL)		
Chemicals/Plant Extracts	LC ₅₀	Regression Equation
Vincristine Sulfate	2.52 µg/ml	$y = 5.8247x + 35.285$; $R^2 = 0.928$
MESF	327.85 µg/ml	$y = 0.061x + 30.001$; $R^2 = 0.9817$

Here, MESF: methanol extract of *Sterculia foetida* seeds.