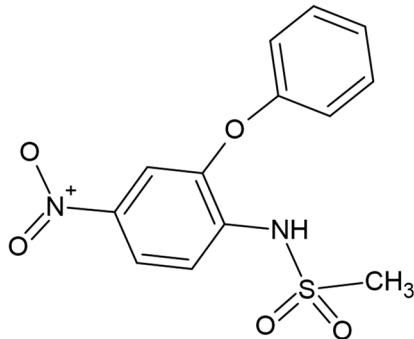


Table S1. Nimesulide molecular structure and physical chemical properties.

Parameter	Character/Value
Molecular structure	
Molecular formula	C ₁₃ H ₁₂ N ₂ O ₅ S
Molecular weight (g mol ⁻¹)	308,311
Wavelength λ_{max} (nm)	392

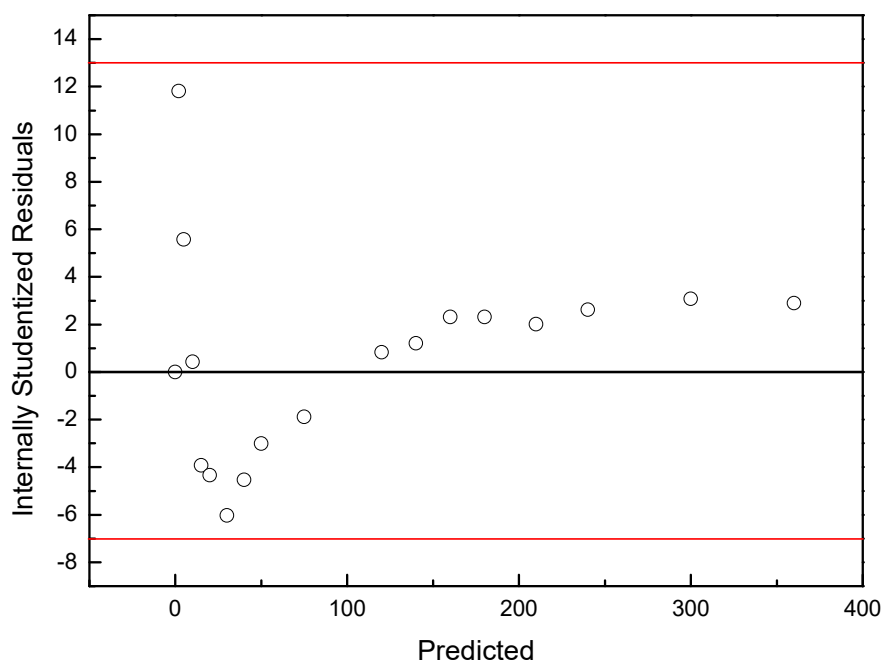


Figure S1. Residuals versus the predicted plot for PFO model.

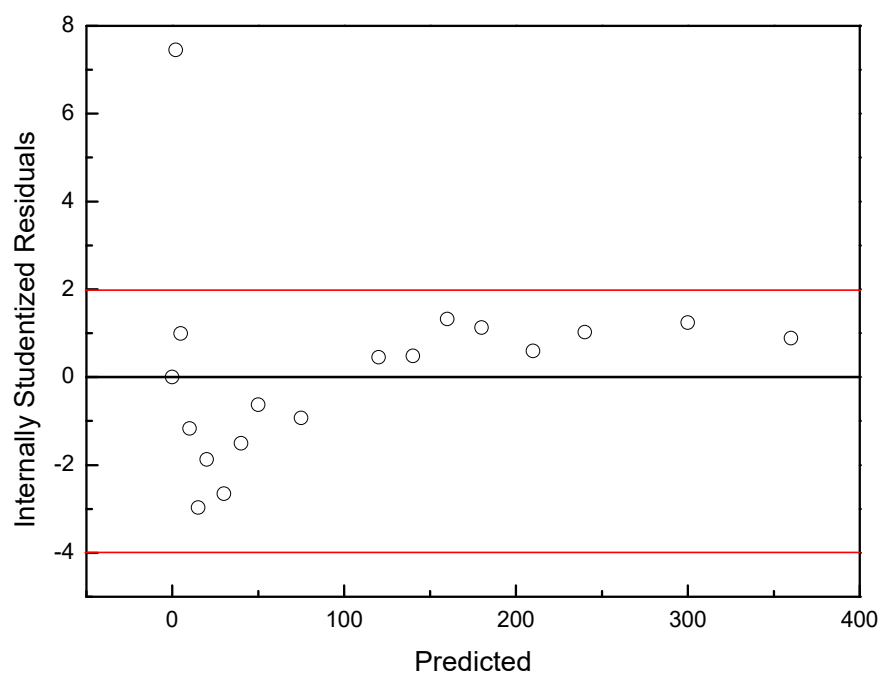


Figure S2. Residuals versus the predicted plot for PSO model.

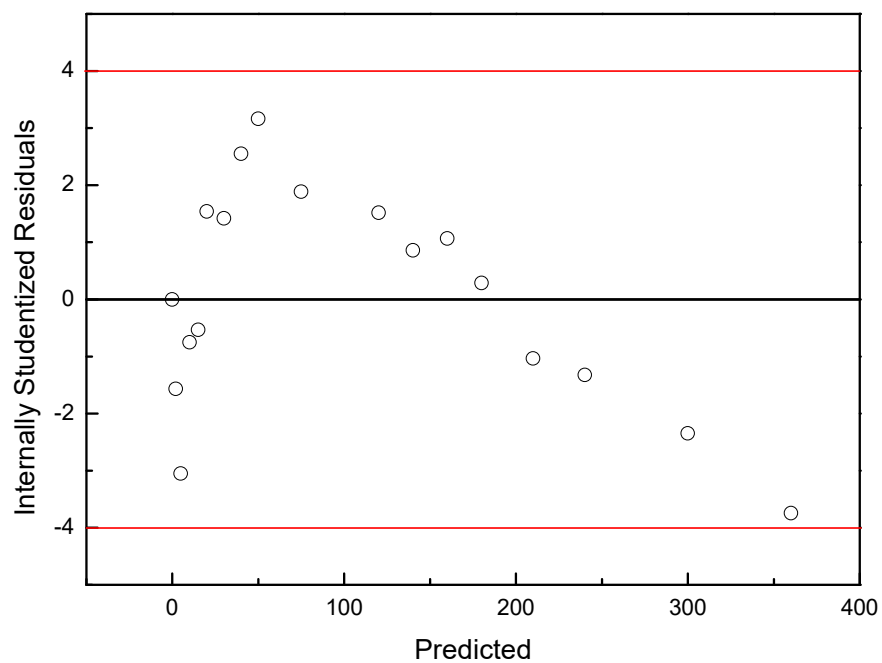


Figure S3. Residuals versus the predicted plot for Elovich model.