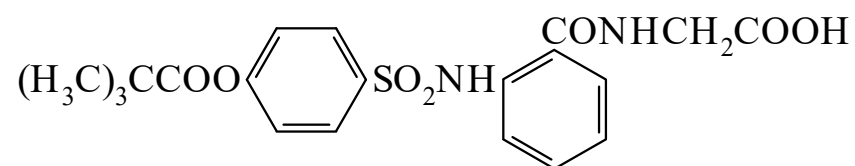




>>Entry Name: Sivelestat, INN

Synonym(s): *N*-[2-[[[4-(2,2-Dimethyl-1-oxopropoxy)phenyl]sulfonyl]amino]benzoyl]glycine, 9Cl. ONO 5046



CAS Registry Number: 127373-66-4

Related CAS Registry Numbers(s): 127373-95-9

Molecular Formula: C₂₀H₂₂N₂O₇S

Molecular Weight: 434.469

Accurate Mass: 434.114773

Percentage Composition: C 55.29%; H 5.10%; N 6.45%; O 25.78%; S 7.38%

Biological Use/Importance: Neutrophil elastase inhibitor. Shows antiasthmatic and antiarthritic activity

Physical Description: Characterised by pmr

References:

Eur. Pat., 1989, *Ono*, 347 168; *CA*, **113**, 114810w, (*synth, pharmacol*)

Kawabata, K. *et al.*, *Biochem. Biophys. Res. Commun.*, 1991, **177**, 814, (*pharmacol*)

Shintani, T. *et al.*, *J. Pharm. Biomed. Anal.*, 1994, **12**, 397, (*hplc*)

Kakimoto, K. *et al.*, *Cell Immunol.*, 1995, **165**, 26, (*pharmacol*)

Fujimoto, K. *et al.*, *Respiration Physiol.*, 1995, **100**, 91, (*pharmacol*)