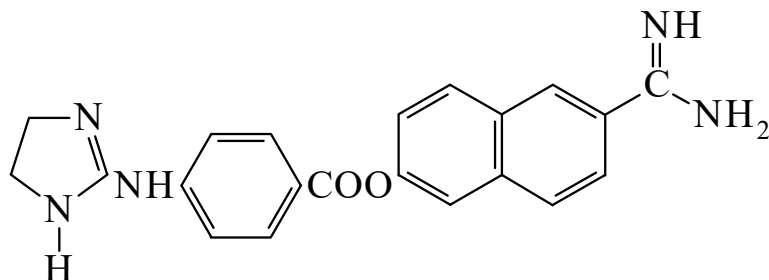




>>Entry Name: Sepimostat, INN

Synonym(s): 6-(Aminoiminomethyl)-2-naphthalenyl 4-[(4,5-dihydro-1*H*-imidazol-2-yl)amino]benzoate, 9Cl. 6-Amidino-2-naphthyl 4-[(4,5-dihydro-1*H*-imidazol-2-yl)amino]benzoate, 9Cl



CAS Registry Number: 103926-64-3

Molecular Formula: C₂₁H₁₉N₅O₂

Molecular Weight: 373.413

Accurate Mass: 373.153875

Percentage Composition: C 67.55%; H 5.13%; N 18.75%; O 8.57%

Use/Importance: Proteolysis inhibitor used in the treatment of postgastrectomy reflux oesophagitis

Development Status: Phase II study (1994)

>>Derivative: Methanesulfonate (1:2)

Synonym(s): FUT-187

CAS Registry Number: 103926-82-5

Physical Description: Cryst. (EtOH)

Melting Point: Mp 248-250°

References:

Pat. Coop. Treaty (WIPO), 1986, *Torii*, 86 00 893; *CA*, **105**, 97169j, (*synth, pharmacol*)

Murakami, H. *et al.*, *Arzneim.-Forsch.*, 1990, **40**, 1352, (*pharmacol*)

J. Toxicol. Sci., Suppl. 4, 1992, **17**, (*tox*)

Nakayama, T. *et al.*, *Chem. Pharm. Bull.*, 1993, **41**, 117, (*synth, ir, pmr, pharmacol*)

Hirano, T. *et al.*, *Med. Sci. Res.*, 1994, **22**, 213, (*pharmacol*)