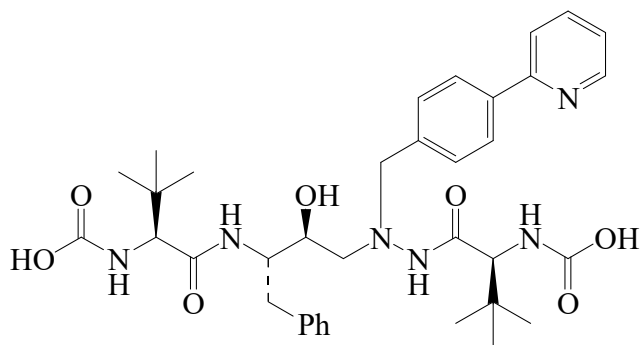




>>Entry Name: 3,12-Bis(1,1-dimethylethyl)-8-hydroxy-4,11-dioxo-9-(phenylmethyl)-6-[[4-(2-pyridinyl)phenyl]methyl]-2,5,6,10,13-pentaazatetradecanedioic acid, 9Cl



Related CAS Registry Numbers(s): 198904-39-1

Molecular Formula: $C_{36}H_{48}N_6O_7$

Molecular Weight: 676.811

Accurate Mass: 676.358449

Percentage Composition: C 63.89%; H 7.15%; N 12.42%; O 16.55%

>>Variant: (all-*S*)-form

Molecular Formula: $C_{36}H_{48}N_6O_7$

Molecular Weight: 676.811

Accurate Mass: 676.358449

Percentage Composition: C 63.89%; H 7.15%; N 12.42%; O 16.55%

>>Derivative: Di-Me ester

Synonym(s): BMS 232632. CGP 73547

CAS Registry Number: 198904-31-3

Molecular Formula: $C_{38}H_{52}N_6O_7$

Molecular Weight: 704.865

Accurate Mass: 704.389749

Percentage Composition: C 64.75%; H 7.44%; N 11.92%; O 15.89%

Biological Use/Importance: Potent HIV-1 protease inhibitor

Physical Description: Cryst. (EtOH aq.)

Melting Point: Mp 207-209°

References:

Pat. Coop. Treaty (WIPO), 1997, Novartis, 97 40 029; *CA*, **128**, 3884p, (*synth, activity*)

Rabasseda, X. *et al.*, *Drugs of the Future*, 1999, **24**, 375-380, (*rev*)

Robinson, B.S. *et al.*, *Antimicrob. Agents Chemother.*, 2000, **44**, 2093-2099; 2319-2326, (*pharmacol*)