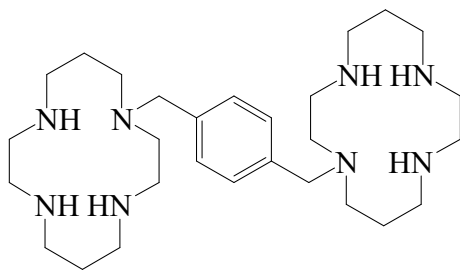




>>Entry Name: 1,1'-[Phenylenebis(methylene)]bis-1,4,8,11-tetraazacyclotetradecane, 9Cl

Synonym(s): AMD 3100. JM 3100. SID 79I



CAS Registry Number: 110078-46-1

Related CAS Registry Numbers(s): 155148-31-5

Molecular Formula: C₂₈H₅₄N₈

Molecular Weight: 502.788

Accurate Mass: 502.447142

Percentage Composition: C 66.89%; H 10.82%; N 22.29%

Biological Use/Importance: Chemokine CXCR4-receptor antagonist. Anti-HIV agent

>>Derivative: Hydrobromide (1:8)

CAS Registry Number: 155148-32-6

Physical Description: Solid

Melting Point: Mp 239-241° (dec.)

References:

Ciampolini, M. *et al.*, *Inorg. Chem.*, 1987, **26**, 3527-3533, (*synth*)

Eur. Pat., 1990, *CNRS*, **72**, 389 359; *CA*, **114**, 207294s, (*synth*)

Bridger, G.J. *et al.*, *J. Med. Chem.*, 1995, **38**, 366-378, (*synth, pharmacol*)

Datema, R. *et al.*, *Antimicrob. Agents Chemother.*, 1996, **40**, 750-754, (*activity*)

Labrosse, B. *et al.*, *J. Virol.*, 1998, **72**, 6381-6388, (*pharmacol*)

Blanco, J. *et al.*, *Antimicrob. Agents Chemother.*, 2000, **44**, 51-56; 1667-1673, (*pharmacol*)