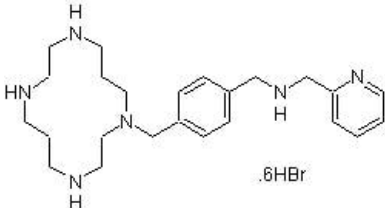


Product datasheet

AMD 3465 hexahydrobromide, CXCR4 antagonist ab120809

[4 References](#) [1 Image](#)

Overview

Product name	AMD 3465 hexahydrobromide, CXCR4 antagonist
Description	Potent and selective CXCR4 antagonist
Biological description	Potent and selective CXCR4 antagonist. Shows 8-fold greater affinity than AMD 3100 (ab120718). Potent HIV entry inhibitor ($IC_{50} = \sim 10$ nM). Additionally mobilizes stem cells <i>in vivo</i> .
Purity	> 97%
CAS Number	185991-07-5
Chemical structure	

Properties

Chemical name	N-[[4-(1,4,8,11-Tetraazacyclotetradec-1-ylmethyl)phenyl]methyl]-2-pyridinemethanamine hexahydrobromide
Molecular weight	896.08
Molecular formula	$C_{24}H_{38}N_6 \cdot 6HBr$
PubChem identifier	483559
Storage instructions	Store at $-20^{\circ}C$. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in water to 50 mM and in DMSO to 25 mM
Handling	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at $-20^{\circ}C$. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour. Need more advice on solubility, usage and handling? Please visit our frequently asked

[questions \(FAQ\) page](#) for more details.

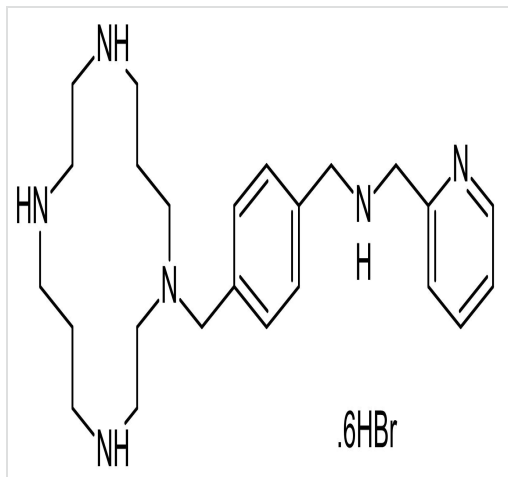
SMILES

Br.Br.Br.Br.Br.Br.C3NCCCNCN(Cc2ccc(CNCc1cccn1)cc2)CCNC3

Source

Synthetic

Images



2D chemical structure image of ab120809, AMD 3465 hexahydrobromide, CXCR4 antagonist

Chemical Structure - AMD 3465 hexahydrobromide, CXCR4 antagonist (ab120809)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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