

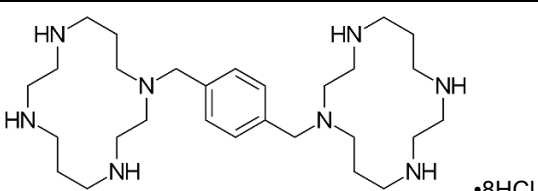
AMD3100

Catalog No. HRP-8128

This reagent is the property of the U.S. Government.

Product Description:

HRP-8128 is AMD3100 octahydrochloride, (also known as JM3100 octahydrochloride or Plerixafor octaHCl). AMD3100, a bicyclam, inhibits the entry of human immunodeficiency virus type 1 (HIV-1) into CD4+ T cells via selective blockade of the chemokine CXCR-4 receptor.

CAS Number	155148-31-5
Chemical Name	1,4-Bis((1,4,8,11-tetraazacyclotetradecan-1-yl)methyl)benzene octahydrochloride
Formula	C ₂₈ H ₆₂ Cl ₈ N ₈
Molecular Weight	794.5
Structure	

Lot: 70053683

Receipt Date: 04AUG2022

All information below was provided on 03JUL2022 by Ambeed, Inc. for the bulk material (Ambeed, Inc. lot A268315-QR0), which lists a retest date of 22JUN2024.¹

TEST	SPECIFICATIONS	RESULTS
Appearance	Report results	White solid
Content per Vial	Report results	20 mg ± 0.3 mg
¹ H NMR	Spectrum consistent with structure	Spectrum consistent with structure
Purity (Titration)	≥ 98%	98%

¹Note: We recommend checking purity depending on the application.

/Kenneth R. Crawford/

Kenneth R. Crawford

13 JAN 2025

Lead Technical Writer or designee, ATCC Federal Solutions

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HIV REAGENT PROGRAM

