



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	Bevirimat Dimeglumine
Catalog Number:	12199
Lot Number:	1024531/L0106965/031
Release Category:	A
Provided:	30mg
Chemical Name:	3-O-(3',3' -dimethylsuccinyl) betulinic acid di-N-methyl-D-glucamine salt
Empirical Formula:	$C_{36}H_{56}O_6 \cdot 2(C_7H_{17}NO_5)$
HPLC Purity:	98.4% (by HPLC)
Molecular Weight:	975.28
CAS Num:	823821-85-8
Solubility:	Methanol >30mg/ml Water insoluble
Mechanical Action:	HIV viral maturation inhibitor
Recommended Storage:	Room Temperature
Contributor:	Myrexix, Inc.

ALL RECIPIENTS OF THIS MATERIAL MUST COMPLY WITH ALL APPLICABLE BIOLOGICAL, CHEMICAL, AND/OR RADIOCHEMICAL SAFETY STANDARDS INCLUDING SPECIAL PRACTICES, EQUIPMENT, FACILITIES, AND REGULATIONS. NOT FOR USE IN HUMANS.

References:

Li F, Goila-Gaur R, Salzwedel K, Kilgore NR, Reddick M, Matallana C, Castillo A, Zoumplis D, Martin DE, Orenstein JM, Allaway GP, Freed EO, Wild CT. PA-457: a potent HIV inhibitor that disrupts core condensation by targeting a late step in Gag processing. *Proc Natl Acad Sci U S A*. 2003 Nov 11;100(23):13555-60.

Zhou J, Huang L, Hachey DL, Chen CH, Aiken C. Inhibition of HIV-1 maturation via drug association with the viral Gag protein in immature HIV-1 particles. *J Biol Chem*. 2005 Dec 23;280(51):42149-55.

Li F, Zoumplis D, Matallana C, Kilgore NR, Reddick M, Yunus AS, Adamson CS, Salzwedel K, Martin DE, Allaway GP, Freed EO, Wild CT. Determinants of activity of the HIV-1 maturation inhibitor PA-457. *Virology*. 2006 Dec 5-20;356(1-2):217-24.

Smith PF, Ogundele A, Forrest A, Wilton J, Salzwedel K, Doto J, Allaway GP, Martin DE. Phase I and II study of the safety, virologic effect, and pharmacokinetics/pharmacodynamics of single-dose 3-o-(3',3'-dimethylsuccinyl)betulinic acid (bevirimat) against human immunodeficiency virus infection. *Antimicrob Agents Chemother*. 2007 Oct;51(10):3574-81.

NOTE:

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, NIAID, NIH: Bevirimat from Myrex, Inc. (cat# 12199)".

Last Updated

July 24, 2018

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