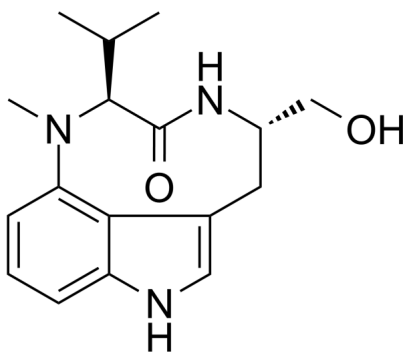


Certificate of Analysis

Catalog Number	BP13602
Product Name	(-)-Indolactam V

Physical and Chemical Properties

Synonyms	Indolactam V
CAS No.	90365-57-4
Chemical Formula	C ₁₇ H ₂₃ N ₃ O ₂
Molecular Weight	301.39
Solubility	
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

Product Information

Description	(-)-Indolactam V is a PKC activator (Kis: 3.36 nM, 1.03 μ M for η -CRD2, γ -CRD2). (-)-Indolactam V also has the Kds are 5.5 nM (η -C1B), 7.7 nM (ϵ -C1B), 8.3 nM (δ -C1B), 18.9 nM (β -C1A-long), 20.8 nM (α -C1A-long), 137 nM (β -C1B), 138 nM (γ -C1A), 213 nM (γ -C1B). It has antitumor activity.
Targets&IC50	PKC ϵ -C1B:7.7 nM [kd], PKC θ -C1B:8.7 nM [kd], PKC η -CRD2:3.36 nM [ki], PKC η -C1B:5.5 nM [kd], PKC γ -C1A:138 nM [kd], PKC β -C1B:137 nM [kd], PKC α -C1A-long:20.8 nM [kd], PKC α -C1B-long:4000 nM [kd], PKC γ -CRD2:1030 nM [ki], PKC ϵ -C1A:4110 nM [kd], PKC δ -C1A:1900 nM [kd], PKC δ -C1B:8.3 nM [kd], PKC β -C1A-long:18.9 nM [kd], PKC γ -C1B:213 nM [kd], PKC η -C1A:3770 nM [kd]

Analytical Data

HPLC	Shows Min >99% purity
H-NMR	Consistent with structure
Stability and Solubility Advice	Information on product stability, especially in solution, has rarely been reported and in most cases we can only provide a general guideline. We recommend that once the stock solution has been prepared, it be stored in equal quantities in sealed vials and used within 1 month. Avoid repeated freezing and thawing cycles. Storage conditions for some special products should be referred to their storage details.

Purdue Bioscience Inc.

750 50th St, Brooklyn, NY 11220, USA

<https://www.purduebio.com>

1-877.618.7311

info@purduebio.com

v2 Revision on 12/28/2022