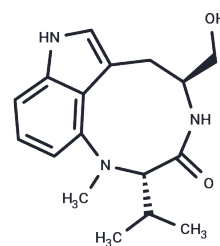


(-)-Indolactam V

Chemical Properties

CAS No. :	90365-57-4
Formula:	C ₁₇ H ₂₃ N ₃ O ₂
Molecular Weight:	301.38
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	(-)-Indolactam V, a potent PKC activator, exhibits binding affinities (K _i s) of 3.36 nM and 1.03 μM for η-CRD2 and γ-CRD2, respectively, and dissociation constants (K _d s) of 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), and 213 nM (γ-C1B), also demonstrating antitumor activity.
Targets(IC50)	PKC

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3181 mL	16.5904 mL	33.1807 mL
5 mM	0.6636 mL	3.3181 mL	6.6361 mL
10 mM	0.3318 mL	1.659 mL	3.3181 mL
50 mM	0.0664 mL	0.3318 mL	0.6636 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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