Data Sheet (Cat.No.T15637)



K-252b

Chemical Properties

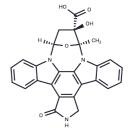
CAS No.: 99570-78-2

Formula: C26H19N3O5

Molecular Weight: 453.45

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	K-252b, an indolocarbazole derived from the actinomycete Nocardiopsis, functions as a protein kinase C (PKC) inhibitor. It is effective in inhibiting extracellular kinases in cultured cells due to its inability to freely cross the cell membrane.
Targets(IC50)	PKC

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2053 mL	11.0266 mL	22.0531 mL
5 mM	0.4411 mL	2.2053 mL	4.4106 mL
10 mM	0.2205 mL	1.1027 mL	2.2053 mL
50 mM	0.0441 mL	0.2205 mL	0.4411 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.

Reference

Yasuzawa, T., et al. The structures of the novel protein kinase C inhibitors K-252a, b, c AND d Journal of Antibiotics 39(8), 1072-1078 (1986).

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