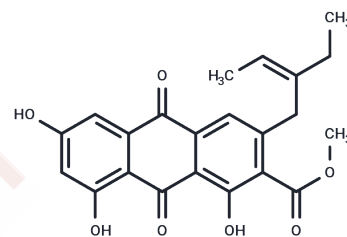


K 259-3

Chemical Properties

CAS No. : 127172-90-1
 Formula: C₂₂H₂₀O₇
 Molecular Weight: 396.39
 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	K 259-3, a methyl ester of K 259-2, is an inhibitor of calmodulin-dependent cyclic nucleotide phosphodiesterase.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5228 mL	12.6138 mL	25.2277 mL
5 mM	0.5046 mL	2.5228 mL	5.0455 mL
10 mM	0.2523 mL	1.2614 mL	2.5228 mL
50 mM	0.0505 mL	0.2523 mL	0.5046 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.

Reference

Matsuda Y, et al. Inhibition by new anthraquinone compounds, K-259-2 and KS-619-1, of calmodulin-dependent cyclic nucleotide phosphodiesterase. *Biochem Pharmacol.* 1990 Mar 1;39(5):841-9.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481