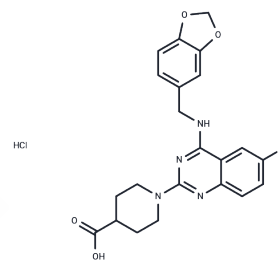


UK 227786

Chemical Properties

CAS No. : 150452-21-4
 Formula: C₂₂H₂₂Cl₂N₄O₄
 Molecular Weight: 477.34
 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	UK 227786 is an inhibitor of phosphodiesterase 5 (PDE5), used for treatment of prostatic diseases.
Targets(IC50)	PDE

Solubility Information

Solubility	DMSO: 55 mg/mL (115.22 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0949 mL	10.4747 mL	20.9494 mL
5 mM	0.419 mL	2.0949 mL	4.1899 mL
10 mM	0.2095 mL	1.0475 mL	2.0949 mL
50 mM	0.0419 mL	0.2095 mL	0.419 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

Wolf-Georg Forssmann, et al. Use of phosphodiesterase inhibitors in the treatment of prostatic diseases. US 8106061 B2

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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