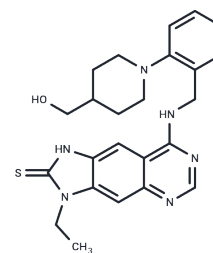


Thioquinapiperifil

Chemical Properties

CAS No. :	220060-39-9
Formula:	C ₂₄ H ₂₈ N ₆ O ₅
Molecular Weight:	448.58
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	Thioquinapiperifil is a type of phosphodiesterase-5 (PDE-5) inhibitor found in dietary supplements.
Targets(IC50)	Others,PDE

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2293 mL	11.1463 mL	22.2926 mL
5 mM	0.4459 mL	2.2293 mL	4.4585 mL
10 mM	0.2229 mL	1.1146 mL	2.2293 mL
50 mM	0.0446 mL	0.2229 mL	0.4459 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

Uchiyama N, Saisho K, Kikura-Hanajiri R, Haishima Y, Goda Y. Determination of a new type of phosphodiesterase-5 inhibitor, thioquinapiperifil, in a dietary supplement promoted for sexual enhancement. Chem Pharm Bull (Tokyo). 2008 Sep;56(9):1331-4. PubMed PMID: 18758113.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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