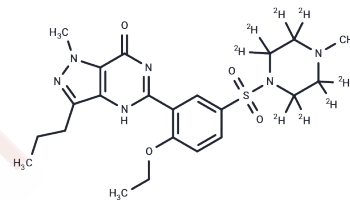


Sildenafil-D8

Chemical Properties

CAS No. :	951385-68-5
Formula:	C22H22D8N6O4S
Molecular Weight:	482.63
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	Sildenafil-D8 is a deuterated compound of Sildenafil. Sildenafil (T1164) has a CAS number of 139755-83-2. Sildenafil (T1164) is a phosphodiesterase type 5 (PDE5) inhibitor, used to treat erectile dysfunction and reduce symptoms of pulmonary arterial hypertension (PAH).
Targets(IC50)	Apoptosis, Autophagy, PDE

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.072 mL	10.3599 mL	20.7198 mL
5 mM	0.4144 mL	2.072 mL	4.144 mL
10 mM	0.2072 mL	1.036 mL	2.072 mL
50 mM	0.0414 mL	0.2072 mL	0.4144 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

1. Asger Andersen, et al. Pulmonary Circulation. 2013, 3(3):599-610.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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