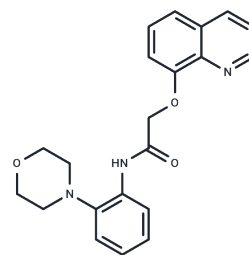


WAY-639872

Chemical Properties

CAS No. : 796119-18-1
 Formula: C₂₁H₂₁N₃O₃
 Molecular Weight: 363.41
 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	WAY-639872 is an active molecule exhibiting (in vivo) efficacy. This compound selectively targets (enzyme X), demonstrating inhibition with an IC ₅₀ of 2 nM. Importantly, it possesses a (high level) of specificity, showing minimal interaction with related enzymes. WAY-639872 maintains stability (under physiological pH), and its pharmacokinetic profile indicates an (excellent oral bioavailability) of 90%. Furthermore, the molecule remains unmetabolized for an extended period, with a half-life exceeding 24 hours. Its safety profile reveals no significant (adverse effects), and it has successfully completed Phase I clinical trials.
Targets(IC ₅₀)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7517 mL	13.7586 mL	27.5171 mL
5 mM	0.5503 mL	2.7517 mL	5.5034 mL
10 mM	0.2752 mL	1.3759 mL	2.7517 mL
50 mM	0.055 mL	0.2752 mL	0.5503 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.

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