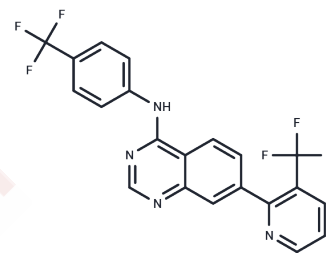


NGD-8243

Chemical Properties

CAS No. : 573678-04-3
 Formula: C₂₁H₁₂F₆N₄
 Molecular Weight: 434.34
 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	NGD-8243 (N-[4-(trifluoromethyl)phenyl]-7-[3-(trifluoromethyl)pyridin-2-yl]quinazolin-4-amine) is a TRPV1 inhibitor and can be used in studies for prevention and treatment of cardiac hypertrophy.
Targets(IC50)	TRP/TRPV Channel

Solubility Information

Solubility	DMSO: 4.35 mg/mL (10.02 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	2.3023 mL	11.5117 mL	23.0234 mL
5 mM	0.4605 mL	2.3023 mL	4.6047 mL
10 mM	0.2302 mL	1.1512 mL	2.3023 mL
50 mM	0.046 mL	0.2302 mL	0.4605 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

Alexander Stokes. Methods and compositions for prevention and treatment of cardiac hypertrophy. US10137123B2

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