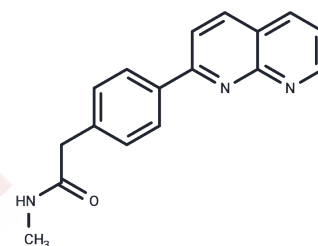


Succinate/succinate receptor antagonist 1

Chemical Properties

CAS No. : 2361972-29-2
 Formula: C17H15N3O
 Molecular Weight: 277.32
 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	Succinate/succinate receptor antagonist 1 is a potent succinate receptor antagonist. Succinate/succinate receptor antagonist 1 interrupts succinate signals in gingival tissue and inhibits the activation of SucnRI Antagonist 1. Its IC50 value is 20 μsouth of the coast. Succinate/succinate receptor antagonist 1 can be used to treat periodontal disease.
Targets(IC50)	Others,Succinate Receptor 1 (SUCNR1)

Solubility Information

Solubility	DMSO: 37.14 mg/mL (133.92 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+90% Saline: < 2.6 mg/mL (9.38 mM),Lower concentrations may be soluble, but exact solubility limit is unknown. 10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2.6 mg/mL (9.38 mM),Solution. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6059 mL	18.0297 mL	36.0594 mL
5 mM	0.7212 mL	3.6059 mL	7.2119 mL
10 mM	0.3606 mL	1.803 mL	3.6059 mL
50 mM	0.0721 mL	0.3606 mL	0.7212 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

LI, et al. PERIODONTAL DISEASE THERAPY. WO2019136022. 2020.

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