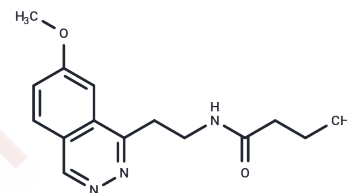


Melatonin receptor agonist 1

Chemical Properties

CAS No. :	2411150-76-8
Formula:	C ₁₅ H ₁₉ N ₃ O ₂
Molecular Weight:	273.33
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	Melatonin receptor agonist 1 (compound 20c) is a potent agonist of the melatonin receptor (MT) with K_i values of 108 nM for MT ₂ and 1140 nM for MT ₁ [1].
Targets(IC ₅₀)	Others, Melatonin Receptor
In vitro	Melatonin receptor agonist 1, also known as compound 20c, exhibits tenfold higher selectivity for the MT ₂ receptor compared to the MT ₁ receptor [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6586 mL	18.2929 mL	36.5858 mL
5 mM	0.7317 mL	3.6586 mL	7.3172 mL
10 mM	0.3659 mL	1.8293 mL	3.6586 mL
50 mM	0.0732 mL	0.3659 mL	0.7317 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