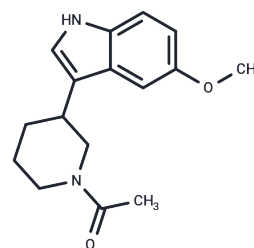


GR 128107

## Chemical Properties

CAS No. : 190328-44-0  
 Formula: C<sub>16</sub>H<sub>20</sub>N<sub>2</sub>O<sub>2</sub>  
 Molecular Weight: 272.34  
 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	GR 128107 is an antagonist of melatonin receptor.
Targets(IC50)	Others, Melatonin Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6719 mL	18.3594 mL	36.7188 mL
5 mM	0.7344 mL	3.6719 mL	7.3438 mL
10 mM	0.3672 mL	1.8359 mL	3.6719 mL
50 mM	0.0734 mL	0.3672 mL	0.7344 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

Crespi F. Influence of melatonin or its antagonism on alcohol consumption in ethanol drinking rats: a behavioral and in vivo voltammetric study. Brain Res. 2012 May 3;1452:39-46. doi: 10.1016/j.brainres.2011.10.050. PubMed PMID: 22464879.

Teh MT, Sugden D. The putative melatonin receptor antagonist GR128107 is a partial agonist on Xenopus laevis melanophores. Br J Pharmacol. 1999 Mar;126(5):1237-45. PubMed PMID: 10205014; PubMed Central PMCID: PMC1565880.

**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