Data Sheet (Cat.No.T23791)

TargetMol

BIMU-1

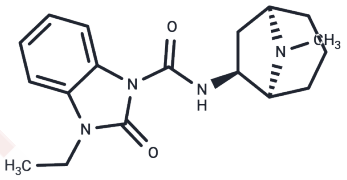
Chemical Properties

CAS No. :

Formula: C18H24N4O2

Molecular Weight: 328.41

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	BIMU-1 is an agonist of 5-HT4 receptor.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.045 mL	15.2249 mL	30.4497 mL
5 mM	0.609 mL	3.045 mL	6.0899 mL
10 mM	0.3045 mL	1.5225 mL	3.045 mL
50 mM	0.0609 mL	0.3045 mL	0.609 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

Ramakrishna Nirogi, Abdul Rasheed Mohammed, Anil K. Shinde, Shankar Reddy Gagginapally, Durga Malleshwari Kancharla, Vanaja Reddy Middekadi, Narsimha Bogaraju, Srinivasa Rao Ravella, Pooja Singh, Sumit Raosaheb Birangal, Ramkumar Subramanian, Raghava Choudary Palacharla, Vijay Benade, Nageswararao Muddana, and Pradeep Jayarajan. Synthesis, Structure–Activity Relationships, and Preclinical Evaluation of Heteroaromatic Amides and 1,3,4-Oxadiazole Derivatives as 5-HT4 Receptor Partial Agonists. Publication Date (Web): May 15, 2018 (Article) doi: 10.1021/acs.jmedchem.8b00457

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