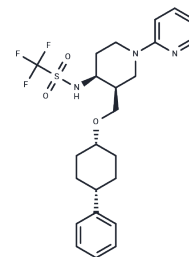


OX2R-IN-3

Chemical Properties

CAS No. : 2791360-37-5
 Formula: C₂₄H₃₀F₃N₃O₃S
 Molecular Weight: 497.57
 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	OX2R-IN-3 (Compound 53) functions as an orally active agonist for the type 2 orexin receptor (OX2R), exhibiting an EC ₅₀ value of less than 100 nM [1].
Targets(IC ₅₀)	OX Receptor
In vivo	OX2R-IN-3 (P.O.; 3 mg/kg) causes a 105.00% increase in mean cortical activation time in SD rats [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0098 mL	10.0488 mL	20.0977 mL
5 mM	0.402 mL	2.0098 mL	4.0195 mL
10 mM	0.201 mL	1.0049 mL	2.0098 mL
50 mM	0.0402 mL	0.201 mL	0.402 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