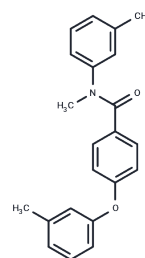


11 β -HSD2-IN-2

Chemical Properties

CAS No. :	1834601-37-4
Formula:	C ₂₂ H ₂₁ N ₂ O ₂
Molecular Weight:	331.41
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	11 β -HSD2-IN-2 (compound 3) is a selective 17 β -HSD2 (17 β -hydroxysteroid dehydrogenase type 2) inhibitor with an IC ₅₀ of 300 nM, suitable for studying osteoporosis.
Targets(IC ₅₀)	Dehydrogenase
In vitro	11 β -HSD2-IN-2 is moderately cytotoxic in HEK293 cells with an LD 50 of approximately 25 μ M.[1]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0174 mL	15.0871 mL	30.1741 mL
5 mM	0.6035 mL	3.0174 mL	6.0348 mL
10 mM	0.3017 mL	1.5087 mL	3.0174 mL
50 mM	0.0603 mL	0.3017 mL	0.6035 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

Gargano EM, et al., Addressing cytotoxicity of 1,4-biphenyl amide derivatives: Discovery of new potent and selective 17 β -hydroxysteroid dehydrogenase type 2 inhibitors. Bioorg Med Chem Lett. 2016 Jan 1;26(1):21-4.

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