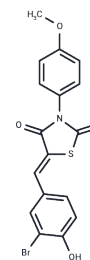


TC HSD 21

Chemical Properties

CAS No. :	330203-01-5
Formula:	C ₁₇ H ₁₂ BrNO ₃ S ₂
Molecular Weight:	422.32
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	TC HSD 21 is a potent and highly selective inhibitor of 17 β -hydroxysteroid dehydrogenase type 3 (IC ₅₀ = 14 nM).
Targets(IC ₅₀)	Others,Dehydrogenase

Solubility Information

Solubility	DMSO: 225 mg/mL (532.77 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3679 mL	11.8394 mL	23.6787 mL
5 mM	0.4736 mL	2.3679 mL	4.7357 mL
10 mM	0.2368 mL	1.1839 mL	2.3679 mL
50 mM	0.0474 mL	0.2368 mL	0.4736 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

Harada K,et al. Identification of oxazolidinediones and thiazolidinediones as potent 17 β -hydroxysteroid dehydrogenase type 3 inhibitors. Bioorg Med Chem Lett. 2012 Jan 1;22(1):504-7.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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