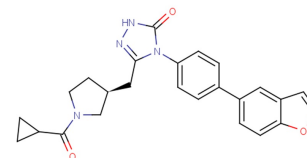


GSK2194069

Chemical Properties

CAS No.:	1332331-08-4
Formula:	C ₂₅ H ₂₄ N ₄ O ₃
Molecular Weight:	428.48
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	GSK2194069 is a specific inhibitor of the β -ketoacyl reductase (KR) activity of hFAS (IC ₅₀ : 7.7 \pm 4.1 nM in an assay detecting released CoA).
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	DMSO: 100 mg/mL (233.38 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.334 mL	11.669 mL	23.338 mL
5 mM	0.467 mL	2.334 mL	4.668 mL
10 mM	0.233 mL	1.167 mL	2.334 mL
50 mM	0.047 mL	0.233 mL	0.467 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Hardwicke MA, et al. A human fatty acid synthase inhibitor binds β -ketoacyl reductase in the keto-substrate site. Nat Chem Biol. 2014 Sep;10(9):774-9.

Inhibitors · Natural Compounds · Compound Libraries

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Tel:781-999-4286

E-mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481