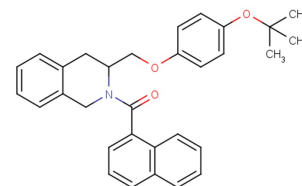


SR10067

Chemical Properties

CAS No.: 1380548-02-6
 Formula: C₃₁H₃₁NO₃
 Molecular Weight: 465.58
 Appearance: N/A
 Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	SR10067 is a potent, selective and brain penetrant agonist of Rev-Erb α/β (IC ₅₀ of 160 and 170 nM for Rev-Erb β and Rev-Erb α , respectively), has anxiolytic activity.
Targets(IC ₅₀)	Rev-Erb β : 160 nM Rev-Erb α : 170 nM

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.148 mL	10.739 mL	21.479 mL
5 mM	0.43 mL	2.148 mL	4.296 mL
10 mM	0.215 mL	1.074 mL	2.148 mL
50 mM	0.043 mL	0.215 mL	0.43 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

- Banerjee S, et al. Pharmacological targeting of the mammalian clock regulates sleep architecture and emotional behaviour. *Nat Commun.* 2014 Dec 23;5:5759. doi: 10.1038/ncomms6759.
- Thevis M, et al. Emerging drugs affecting skeletal muscle function and mitochondrial biogenesis - Potential implications for sports drug testing programs. *Rapid Commun Mass Spectrom.* 2016 Mar 15;30(5):635-51.

Inhibitors · Natural Compounds · Compound Libraries

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