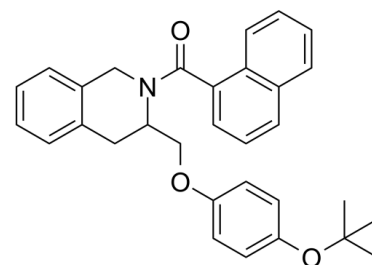


Data Sheet

Product Name:	SR10067
Cat. No.:	CS-0066355
CAS No.:	1380548-02-6
Molecular Formula:	C31H31NO3
Molecular Weight:	465.58
Target:	Others
Pathway:	Others
Solubility:	10 mM in DMSO



BIOLOGICAL ACTIVITY:

SR10067 is a potent, selective and brain penetrant **Rev-Erb α / β** agonist, with **IC₅₀** values are 160 and 170 nM for Rev-Erb β and Rev-Erb α , respectively. SR10067 has anxiolytic activity^{[1][2]}. IC₅₀ & Target: IC₅₀: 160 nM (Rev-Erb β), 170 nM (Rev-Erb α)^[1].

References:

[1]. 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.

[2]. 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.

CAIndexNames:

Methanone, [3-[[4-(1,1-dimethylethoxy)phenoxy]methyl]-3,4-dihydro-2(1H)-isoquinolinyl]-1-naphthalenyl-

SMILES:

CC(OC1=CC=C(OCC2CC3=CC=CC=C3CN2C(C4=CC=CC5=C4C=CC=C5)=O)C=C1)(C)C

Caution: Product has not been fully validated for medical applications. For research use only.

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