

Product Datasheet

SR-8278 (orb1299461)

Catalog Number	orb1299461
Category	Small Molecules
Description	SR8278 is a potent REV-ERB α antagonist with an EC50 of 0.47 μ M, effectively inhibiting receptor activation by agonists like GSK4112. This tool compound is widely used in circadian rhythm, metabolism, and inflammation research, supporting both in vitro mechanistic studies and in vivo pharmacological investigations.
Target	Transcription factor
Form/Appearance	powder
Purity	>98%
MW	361.49
Biological Activity	RevErb α antagonist
Target Areas	Others REV-ERB
Solubility (25°C)	Soluble in DMSO (up to 60 mg/ml) or in Ethanol (up to 35 mg/ml)
CAS Number	1254944-66-5
Formula	C ₁₈ H ₁₉ NO ₃ S ₂
SMILES	CCOC(=O)C1Cc2ccccc2CN1C(=O)c1ccc(SC)s1
Chemical Name	1,2,3,4-Tetrahydro-2-[[5-(methylthio)-2-thienyl]carbonyl]-3-isoquinolinecarboxylic acid ethyl ester
Storage	-20°C

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Note	For research use only
Expiration Date	12 months from date of receipt.

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