Product Datasheet

SR-144528 (orb1706606)

Catalog Number	orb1706606
Category	Small Molecules
Description	SR144528 is a potent and selective CB2 receptor antagonist (Ki = 0.6 nM) that also inhibits microsomal ACAT activity (IC50 = 3.6 µM). This dual activity makes it a valuable research tool for investigating cannabinoid system pharmacology and cholesterol metabolism in both in vitro and in vivo models.
Target	GPCR
Form/Appearance	powder
Purity	>98%
MW	476.07
Biological Activity	Cannabinoid CB2 antagonist
Target Areas	Cannabinoid Receptor
Solubility (25°C)	Soluble in DMSO (up to 20 mg/ml, with warming).
CAS Number	192703-06-3
Formula	$C_{29}H_{34}ClN_3O$
SMILES	[H][C@@]12CC[C@@](C)(C1)[C@H](NC(=O)c1cc(-c3ccc(Cl)c(C)c3)n(Cc3ccc(C)cc3)n1)C2(C)C
Chemical Name	5-(4-Chloro-3-methylphenyl)-1-[(4-methylphenyl)methyl]-N-[(1S,2S,4R)-1,3,3-trimethylbicyclo[2.2.1]hept-2-yl]-1H-pyrazole-3-carboxamide
Storage	-20°C

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

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