

Product Datasheet

RWJ52353 hydrochloride (orb2565336)

Catalog Number	orb2565336
Category	Small Molecules
Description	RWJ-52353 hydrochloride is a potent and selective α 2D adrenergic receptor agonist (Ki: 1.5 nM) with demonstrated analgesic effects in rodent models. It also differentially modulates organic cation transporters, inhibiting rOCT1/rOCT2 and activating rOCT3. This profile makes it a useful research tool for studying pain pathways and transporter interactions in vitro and in vivo.
Target	Adrenergic Receptor
MW	238.73
CAS Number	245744-13-2
Formula	C ₁₁ H ₁₁ ClN ₂ S
SMILES	<chem>C=12C(=CCCC1SC=C2)C3=CN=CN3.Cl</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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