

Product Datasheet

Xanthine amine congener dihydrochloride (orb1984673)

Catalog Number	orb1984673
Category	Small Molecules
Description	Xanthine amine congener dihydrochloride (XAC dihydrochloride) is a high-affinity dual adenosine receptor antagonist, with IC50 values of 1.8 nM at A1 and 114 nM at A2 receptors. This research compound is utilized in vitro for receptor binding studies and in vivo for investigating adenosine-mediated neurological functions, including its convulsant effects in murine models.
Target	Adenosine Receptor,Others
MW	501.41
CAS Number	1962928-23-9
Formula	C ₂₁ H ₃₀ Cl ₂ N ₆ O ₄
SMILES	Cl.Cl.CCCn1c2nc([nH]c2c(=O)n(CCC)c1=O)-c1ccc(OCC(=O)NCCN)cc1
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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