

Product Datasheet

PF-4348235 HCl (orb2283870)

Catalog Number	orb2283870
Category	Tools
Description	PF-4348235 HCl is a dual-action MABA compound, functioning as a potent M3 muscarinic receptor antagonist (Ki: 0.73 nM) and a β 2-adrenoceptor agonist (EC50: 3.7 nM). It serves as a research bronchodilator for investigating therapeutic strategies in respiratory diseases like COPD, utilizing both in vitro binding assays and in vivo preclinical models.
Target	AChR, Adrenergic Receptor
Purity	98.81%
MW	753.78
Target Areas	AChR Adrenergic Receptor
Formula	$C_{36}H_{50}Cl_2N_4O_7S$
SMILES	<chem>O[C@H](C1=CC(NS(C)(=O)=O)=C(C=C1)O)CNCCCCCCCCCN(CC2)CCC2OC(NC3=C(C4=CC(Cl)=C(C=C4)O)C=CC=C3)=O.Cl</chem>
Storage	Powder: -20°C for 3 years In solvent: -80°C for 1 year Shipping with blue ice/Shipping at ambient temperature.
Note	For research use only
Expiration Date	12 months from date of receipt.

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