

Rilapladib Biochemical

Rilapladib

CATALOG #
AAA201923

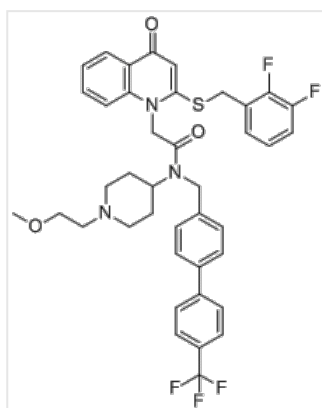
PRODUCT SYNONYMS

Rilapladib; SB-659032; SB 659032; Rilapladib biochemical

PRODUCT SPECIFICATIONS

Purity/Purification	>98% (HPLC)
Suitability	DMSO: 86.67mg/mL (117.79mM) H2O: <0.1mg/mL
Target	Phospholipase
Receptor	Phospholipase
Pathway	Metabolic Enzyme/Protease
Chemical Name	2-(2-((2, 3-difluorobenzyl)thio)-4-oxoquinolin-1(4H)-yl)-N-(1-(2-methoxyethyl)piperidin-4-yl)-N-((4'-(trifluoromethyl)-[1, 1'-biphenyl]-4-yl)methyl)acetamide
SMILES	<chem>O=C(N(C1CCN(CCOC)CC1)CC2=CC=C(C3=CC=C(C(F)(F)F)C=C3)C=C2)CN4C(SCC5=CC=CC(F)=C5F)=CC(C6=C4C=CC=C6)=O</chem>
Molecular Formula	C40H38F5N3O3S
CAS Number	412950-08-4
Preparation and Storage	Store at -20°C.

IMAGES



Structure

ADDITIONAL INFORMATION

Related Product Information for Rilapladib biochemical

A potent, selective and oral lipoprotein-associated phospholipase A2 (Lp-PLA2) inhibitor with IC50 of 0.23nM, for the treatment of Alzheimer's disease and atherosclerosis. Alzheimer Disease Phase 2 Clinical

Product Categories/Family for Rilapladib biochemical	Alzheimer Disease; Metabolic Enzyme/Protease; Neurological Disease
References	1. Tawakol A, et al. J Am Coll Cardiol. 2014 Jan 7-14; 63 (1):86-8. 2. Shaddinger BC, et al. PLoS One. 2014 Jan 27; 9 (1):e83094. 3. Wilensky RL, et al. Curr Opin Lipidol. 2009 Oct; 20 (5):415-20.

NCBI AND UNIPROT INFORMATION

Molecular Weight	735.81
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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 Online datasheet: <https://www.aaabiotech.com/biochemical/rilapladib/201923>