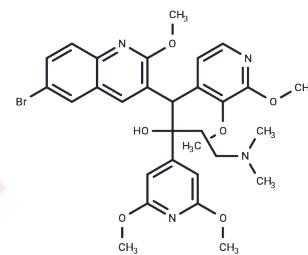


(rac)-TBAJ-5307

Chemical Properties

CAS No. : 2131783-85-0
 Formula: C₃₀H₃₅BrN₄O₆
 Molecular Weight: 627.53
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

Description	(rac)-TBAJ-5307 is the racemate of TBAJ-5307. TBAJ-5307 serves as a broad-spectrum inhibitor of non-tuberculous mycobacteria, specifically targeting the FO domain of the engine to prevent both rotation and proton translocation.
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5935 mL	7.9677 mL	15.9355 mL
5 mM	0.3187 mL	1.5935 mL	3.1871 mL
10 mM	0.1594 mL	0.7968 mL	1.5935 mL
50 mM	0.0319 mL	0.1594 mL	0.3187 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481