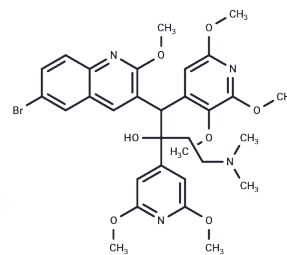


(Rac)-TBAJ-876

Chemical Properties

CAS No. : 2131784-39-7
 Formula: C₃₁H₃₇BrN₄O₇
 Molecular Weight: 657.55
 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-876, a racemate of its counterpart TBAJ-876, acts as an inhibitor of Mycobacterium tuberculosis. It is an analogue of the anti-tuberculosis agent Bedaquiline, indicating its potential in tuberculosis research.
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5208 mL	7.604 mL	15.208 mL
5 mM	0.3042 mL	1.5208 mL	3.0416 mL
10 mM	0.1521 mL	0.7604 mL	1.5208 mL
50 mM	0.0304 mL	0.1521 mL	0.3042 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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