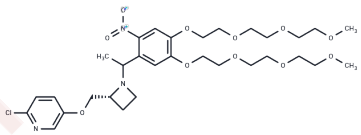
Data Sheet (Cat.No.T72982)

TargetMol

DPNB-ABT594

Chemical Properties



CAS No. :

Formula: C31H46ClN3O11

Molecular Weight: 672.16

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	DPNB-ABT594, a nitrobenzyl-caged ABT594, selectively activates nAChRs containing α4β2 subunits over the α7 subunit. It is utilized to map the distribution of nAChRs on medial habenula (MHb) neurons, thereby facilitating a deeper understanding of nAChR-mediated Ca2+ signaling in the MHb [1].
Targets(IC50)	Others,AChR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4877 mL	7.4387 mL	14.8774 mL
5 mM	0.2975 mL	1.4877 mL	2.9755 mL
10 mM	0.1488 mL	0.7439 mL	1.4877 mL
50 mM	0.0298 mL	0.1488 mL	0.2975 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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