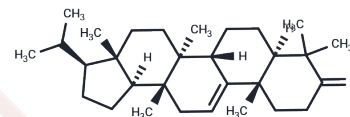


## Aclatonium Napadisilate

## Chemical Properties

CAS No. :	25465-81-0
Formula:	C30H48O
Molecular Weight:	424.7
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	Aclatonium Napadisilate, a cholinergic agonist, has been shown to stimulates endocrine and exocrine pancreatic secretion.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3546 mL	11.773 mL	23.546 mL
5 mM	0.4709 mL	2.3546 mL	4.7092 mL
10 mM	0.2355 mL	1.1773 mL	2.3546 mL
50 mM	0.0471 mL	0.2355 mL	0.4709 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.

## Reference

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- Kölbel CB, Layer P, Holtmann G, Muttathil J, Palakunnel L, Demol P, Hotz J, Goebell H. The effect of a new synthetic cholinergic compound (aclatonium napadisilate) on interdigestive motility and pancreatic function in humans. Int J Pancreatol. 1989 Oct;5(3):273-9. PubMed PMID: 2476520.
- Fujii M, Okabayashi Y, Nakamura T, Tani S, Fujisawa T, Otsuki M. Action of a new cholinergic agonist, aclatonium napadisilate, on isolated rat pancreatic acini. Pancreas. 1990 Jul;5(4):427-33. PubMed PMID: 1696381.
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