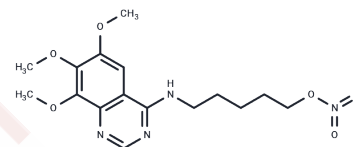


KT 1

Chemical Properties

CAS No. : 47487-05-8
 Formula: C16H22N4O6
 Molecular Weight: 366.37
 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	KT 1 decreased aortic pressure, renal blood flow, left ventricular enddiastolic pressure and resistances of total peripheral, vertebral, coronary and renal vasculatures and increased aortic blood flow, vertebral blood flow, coronary blood flow, peak positive left ventricular dP/dt and heart rate in anesthetized open-chest dogs.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7295 mL	13.6474 mL	27.2948 mL
5 mM	0.5459 mL	2.7295 mL	5.459 mL
10 mM	0.2729 mL	1.3647 mL	2.7295 mL
50 mM	0.0546 mL	0.2729 mL	0.5459 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

Miyamoto Y, Noguchi K, Nakasone J, Sakanashi M. Pharmacological properties of 5-[(6,7,8-trimethoxy-4-quinazolinyloxy)amino]-1-pentanyl nitrate maleate in cardiovascular system. *Arzneimittelforschung*. 1991 Dec;41(12):1216-21. PubMed PMID: 1815519.

Shakya S, Munshi P. Error analysis of tomographic reconstructions in the absence of projection data. *Philos Trans A Math Phys Eng Sci*. 2015 Jun 13;373(2043). pii: 20140394. doi: 10.1098/rsta.2014.0394. PubMed PMID: 25939629.

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