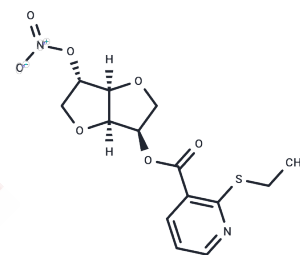


LA 419

## Chemical Properties

CAS No. : 263754-97-8  
 Formula: C<sub>14</sub>H<sub>16</sub>N<sub>2</sub>O<sub>7</sub>S  
 Molecular Weight: 356.35  
 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	LA 419 is a nitric oxide donor.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8062 mL	14.0311 mL	28.0623 mL
5 mM	0.5612 mL	2.8062 mL	5.6125 mL
10 mM	0.2806 mL	1.4031 mL	2.8062 mL
50 mM	0.0561 mL	0.2806 mL	0.5612 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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- Megson IL, Leslie SJ. LA-419, a nitric-oxide donor for the treatment of cardiovascular disorders. *Curr Opin Investig Drugs.* 2009 Mar;10(3):276-85. Review. PubMed PMID: 19333886.
- Martínez-Murillo R, Fernández AP, Serrano J, Rodrigo J, Salas E, Mourelle M, Martínez A. The nitric oxide donor LA 419 decreases brain damage in a focal ischemia model. *Neurosci Lett.* 2007 Mar 26;415(2):149-53. Epub 2007 Jan 7. PubMed PMID: 17239538.
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