

Dobutamine tartrate

Chemical Properties

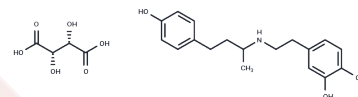
CAS No. : 101626-66-8

Formula: C₂₂H₂₉N₂O₉

Molecular Weight: 451.472

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	Dobutamine tartrate is a cardiotonic.
Targets(IC50)	Others,Adrenergic Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.215 mL	11.0749 mL	22.1499 mL
5 mM	0.443 mL	2.215 mL	4.430 mL
10 mM	0.2215 mL	1.1075 mL	2.215 mL
50 mM	0.0443 mL	0.2215 mL	0.443 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

- Boe E, Smiseth OA, Storsten P, Andersen OS, Aalen J, Eriksen M, Krogh MR, Kongsgaard E, Remme EW, Skulstad H. Left ventricular end-systolic volume is a more sensitive marker of acute response to cardiac resynchronization therapy than contractility indices: insights from an experimental study. *Europace*. 2018 Nov 8. doi: 10.1093/europace/euy221. [Epub ahead of print] PubMed PMID: 30418572.
- Vogelgesang A, Hasenfuß G, Jacobshagen C. [Diagnosis and treatment of aortic valve stenosis]. *Internist (Berl)*. 2018 Nov 9. doi: 10.1007/s00108-018-0519-x. [Epub ahead of print] German. PubMed PMID: 30413846.
- Silva Vieira M, Arthurs CJ, Hussain T, Razavi R, Figueroa CA. Patient-specific modeling of right coronary circulation vulnerability post-liver transplant in Alagille's syndrome. *PLoS One*. 2018 Nov 8;13(11):e0205829. doi: 10.1371/journal.pone.0205829. eCollection 2018. PubMed PMID: 30408044.
- Cesarovic N, Busch J, Lipiski M, Fuetterer M, Fleischmann T, Born S, von Deuster C, Sauer M, Maisano F, Kozerke S, Stoeck CT. Left ventricular blood flow patterns at rest and under dobutamine stress in healthy pigs. *NMR Biomed*. 2018 Nov 7:e4022. doi: 10.1002/nbm.4022. [Epub ahead of print] PubMed PMID: 30403426.

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