

Piretanide

Chemical Properties

CAS No.:	55837-27-9
Formula:	C17H18N2O5S
Molecular Weight:	362.4
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	Piretanide is a time- and voltage-dependent blocker of CFTR Cl(-) currents. Piretanide also acts as a loop diuretic.
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Solubility Information

Solubility	DMSO: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.759 mL	13.797 mL	27.594 mL
5 mM	0.552 mL	2.759 mL	5.519 mL
10 mM	0.276 mL	1.380 mL	2.759 mL
50 mM	0.055 mL	0.276 mL	0.552 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

- Musini VM, Rezapour P, Wright JM, Bassett K, Jauca CD. Blood pressure-lowering efficacy of loop diuretics for primary hypertension. *Cochrane Database Syst Rev.* 2015 May 22;(5):CD003825. doi: 10.1002/14651858.CD003825.pub4. Review. PubMed PMID: 26000442.
- Musini VM, Rezapour P, Wright JM, Bassett K, Jauca CD. Blood pressure lowering efficacy of loop diuretics for primary hypertension. *Cochrane Database Syst Rev.* 2012 Aug 15;(8):CD003825. doi: 10.1002/14651858.CD003825.pub3. Review. Update in: *Cochrane Database Syst Rev.* 2015;(5):CD003825. PubMed PMID: 22895937.
- Musini VM, Wright JM, Bassett K, Jauca CD. Blood pressure lowering efficacy of loop diuretics for primary hypertension. *Cochrane Database Syst Rev.* 2009 Oct 7;(4):CD003825. doi: 10.1002/14651858.CD003825.pub2. Review. Update in: *Cochrane Database Syst Rev.* 2012;8:CD003825. PubMed PMID: 19821314.
- Knauf H, Mutschler E. Clinical pharmacokinetics and pharmacodynamics of torasemide. *Clin Pharmacokinet.* 1998 Jan;34(1):1-24. Review. PubMed PMID: 9474471.

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