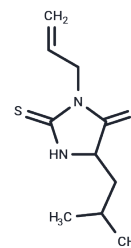


## Albutoin

## Chemical Properties

CAS No. :	830-89-7
Formula:	C <sub>10</sub> H <sub>16</sub> N <sub>2</sub> O <sub>2</sub> S
Molecular Weight:	212.31
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	Albutoin is an Anticonvulsant.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.7101 mL	23.5505 mL	47.1009 mL
5 mM	0.942 mL	4.7101 mL	9.4202 mL
10 mM	0.471 mL	2.355 mL	4.7101 mL
50 mM	0.0942 mL	0.471 mL	0.942 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

- Cereghino JJ, Brock JT, Van Meter JC, Penry JK, Smith LD, Fisher P, Ellenberg J. Evaluation of albutoin as an antiepileptic drug. *Clin Pharmacol Ther.* 1974 Apr;15(4):406-16. PubMed PMID: 4206927.
- Wallin RF, Blackburn WH, Napoli MD. Pharmacologic interactions of albutoin with other anticonvulsant drugs. *J Pharmacol Exp Ther.* 1970 Aug;174(2):276-82. PubMed PMID: 5451364.
- Green JR, Miller LH, Burnett PD, Ward AA Jr. Clinical evaluation of albutoin. *Neurology.* 1969 Dec;19(12):1207-11. PubMed PMID: 4901181.
- Millichap JG, Ortiz WR. Albutoin, a new thiohydantoin derivative for grand mal epilepsies. Comparison with diphenylhydantoin in a double-blind, controlled study. *Neurology.* 1967 Feb;17(2):162-5. PubMed PMID: 4959915.

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