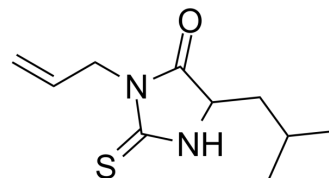


Albutoin

Cat. No.:	HY-105844		
CAS No.:	830-89-7		
Molecular Formula:	C ₁₀ H ₁₆ N ₂ OS		
Molecular Weight:	212.31		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 250 mg/mL (1177.52 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	4.7101 mL	23.5505 mL	47.1009 mL
	5 mM	0.9420 mL	4.7101 mL	9.4202 mL
	10 mM	0.4710 mL	2.3550 mL	4.7101 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Albutoin (BAX 422Z), an anticonvulsant agent, is a thiohydantoin derivative used for the research of grand mal epilepsies^[1].

REFERENCES

- [1]. Herdson PB, et al. Electron microscope studies on enzyme activity and the isolation of thiohydantoin-induced myelin figures in rat liver. *J Cell Biol.* 1965;25(3):485-493.
- [2]. Millichap JG, et al. Albutoin, a new thiohydantoin derivative for grand mal epilepsies. Comparison with diphenylhydantoin in a double-blind, controlled study. *Neurology.* 1967;17(2):162-165.

Caution: Product has not been fully validated for medical applications. For research use only.

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