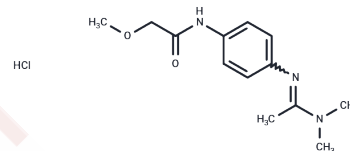


Amidantel hydrochloride

Chemical Properties

CAS No. :	69884-15-7
Formula:	C ₁₃ H ₂₀ ClN ₃ O ₂
Molecular Weight:	285.77
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	Amidantel hydrochloride is a new aminophenylamidine with an interesting anthelmintic spectrum. In rodents the compound is active against nematodes, filariae and cestodes. Of special interest is the high efficacy in dogs against hookworms and large roundworms. Amidantel was well tolerated by all animals tested and did not show teratogenic effects.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4993 mL	17.4966 mL	34.9932 mL
5 mM	0.6999 mL	3.4993 mL	6.9986 mL
10 mM	0.3499 mL	1.7497 mL	3.4993 mL
50 mM	0.070 mL	0.3499 mL	0.6999 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

- Pejo E, Santer P, Jeffrey S, Gallin H, Husain SS, Raines DE. Analogues of etomidate: modifications around etomidate's chiral carbon and the impact on in vitro and in vivo pharmacology. *Anesthesiology*. 2014 Aug;121(2): 290-301. doi: 10.1097/ALN.0000000000000268. PubMed PMID: 24777068; PubMed Central PMCID: PMC4121658.
- Bruder EA, Ball IM, Ridi S, Pickett W, Hohl C. Single induction dose of etomidate versus other induction agents for endotracheal intubation in critically ill patients. *Cochrane Database Syst Rev*. 2015 Jan 8;1:CD010225. doi: 10.1002/14651858.CD010225.pub2. Review. PubMed PMID: 25568981.
- Liu HC, Zhu D, Wang C, Guan H, Li S, Hu C, Chen Z, Hu Y, Lin H, Lian QQ, Ge RS. Effects of Etomidate on the Steroidogenesis of Rat Immature Leydig Cells. *PLoS One*. 2015 Nov 10;10(11):e0139311. doi: 10.1371/journal.pone.0139311. eCollection 2015. PubMed PMID: 26555702; PubMed Central PMCID: PMC4640886.
- Liu S, Zhang XP, Han NN, Lv S, Xiong JY. Pretreatment with low dose etomidate prevents etomidate-induced rat adrenal insufficiency by regulating oxidative stress-related MAPKs and apoptosis. *Environ Toxicol Pharmacol*. 2015 May;39(3):1212-20. doi: 10.1016/j.etap.2015.04.014. Epub 2015 Apr 25. PubMed PMID: 25989534.

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