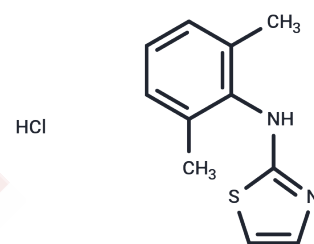


Xylazole

Chemical Properties

CAS No. :	123941-49-1
Formula:	C ₁₁ H ₁₃ ClN ₂ S
Molecular Weight:	240.75
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	Xylazole is a biochemical.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1537 mL	20.7684 mL	41.5369 mL
5 mM	0.8307 mL	4.1537 mL	8.3074 mL
10 mM	0.4154 mL	2.0768 mL	4.1537 mL
50 mM	0.0831 mL	0.4154 mL	0.8307 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

- Changmin H, Jianguo C, Dongming L, Guohong L, Mingxing D. Effects of xylazole alone and in combination with ketamine on the metabolic and neurohumoral responses in healthy dogs. *Vet Anaesth Analg*. 2010 Jul;37(4):322-8. doi: 10.1111/j.1467-2995.2010.00538.x. PubMed PMID: 20487431.
- Rong YF, Hsu WH, Hembrough FB. [Effects of xylazole on heart rate and blood pressure in conscious dogs]. *Zhongguo Yao Li Xue Bao*. 1989 Sep;10(5):410-4. Chinese. PubMed PMID: 2575838.

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