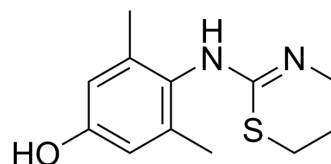


4-Hydroxy xylazine

Cat. No.:	HY-116226
CAS No.:	145356-32-7
Molecular Formula:	C ₁₂ H ₁₆ N ₂ OS
Molecular Weight:	236.33
Target:	Drug Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



BIOLOGICAL ACTIVITY

Description

4-Hydroxy xylazine (Compound M2) is a metabolized product of hydroxylated xylazine (HY-B0443). Xylazine is a highly effective α 2-adrenergic agonist used as a muscle relaxant in veterinary medicine and can be used in research to promote sedation and relieve pain^{[1][2]}.

REFERENCES

- [1]. Matos R R, et al. Pharmacokinetic study of xylazine in a zebrafish water tank, a human-like surrogate, by liquid chromatography Q-Orbitrap mass spectrometry[J]. Forensic Toxicology, 2020, 38: 108-121.
- [2]. Shi XX, et al. Xylazine Activates Adenosine Monophosphate-Activated Protein Kinase Pathway in the Central Nervous System of Rats. PLoS One. 2016 Apr 6;11(4):e0153169.

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

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