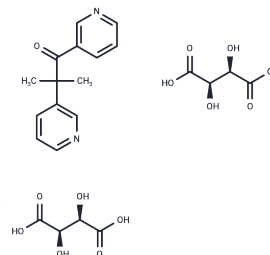


Metyrapone Tartrate

Chemical Properties

CAS No. :	908-35-0
Formula:	C ₂₂ H ₂₆ N ₂ O ₁₃
Molecular Weight:	526.45
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	Metyrapone Tartrate is an inhibitor of the STEROID 11-beta-monooxygenase enzyme which is used as a test for feedback hypothalamic-pituitary mechanism in the diagnosis of Cushing SYNDROME.
Targets(IC50)	Others,Endogenous Metabolite,Autophagy,Cytochromes P450,mTOR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8995 mL	9.4976 mL	18.9952 mL
5 mM	0.3799 mL	1.8995 mL	3.799 mL
10 mM	0.190 mL	0.9498 mL	1.8995 mL
50 mM	0.038 mL	0.190 mL	0.3799 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

- Weiler U, Finsler S, Claus R. Influence of cortisol, gonadal steroids and an energy deficit on biochemical indicators of bone turnover in Swine. *J Vet Med A Physiol Pathol Clin Med.* 2003 Mar;50(2):79-87. PubMed PMID: 12667198.
- Dickstein G, Spindel A, Shechner C, Adawi F, Gutman H. Spontaneous remission in Cushing's disease. *Arch Intern Med.* 1991 Jan;151(1):185-9. Review. PubMed PMID: 1985595.
- Mito T, Shiono T, Kimura R, Tamai M. The effect of oral metyrapone on aqueous humor dynamics in normal human eyes. *Acta Ophthalmol (Copenh).* 1990 Oct;68(5):582-6. PubMed PMID: 2275356.
- Galinsky RE, Corcoran GB. Suppression of acetaminophen conjugation and of conjugate elimination in the rat by metyrapone, a classical P-450 inhibitor. *Drug Metab Dispos.* 1988 May-Jun;16(3):348-54. PubMed PMID: 2900724.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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