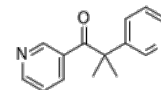


Product Name : Metyrapone
Cat. No. : PC-28058
CAS No. : 54-36-4
Molecular Formula : C₁₄H₁₄N₂O
Molecular Weight : 226.28
Target : Cytochrome P450 (CYPs)
Solubility : 10 mM in DMSO



Biological Activity

Metyrapone (Su-4885, NSC-25265) is a potent and orally active **11 β -hydroxylase (CYP11B1)** inhibitor and **autophagy** activator, also inhibits the production of aldosterone, inhibits synthesis of endogenous adrenal corticosteroid, decreases glucocorticoid levels, and also affects behavior and emotion in vivo.

References

- Roozendaal B, et al. *Psychoneuroendocrinology*. 1996 Nov;21(8):681-93.
CLEVELAND WW, et al. *J Clin Endocrinol Metab*. 1962 Mar;22:281-6.
Napoli JL, et al. *J Med Chem*. 1977 Jun;20(6):762-6.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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