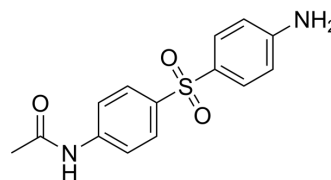


N-Acetyl dapson

Cat. No.:	HY-G0016
CAS No.:	565-20-8
Molecular Formula:	C ₁₄ H ₁₄ N ₂ O ₃ S
Molecular Weight:	290.34
Target:	Drug Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

N-Acetyl dapson (MADDS) is the major metabolite of Dapsone (HY-B0688). Dapsone is an orally active and blood-brain penetrant sulfonamide antibiotic with bacteriostatic, antimycobacterial and antiprotozoal activities^{[1][2]}.

REFERENCES

- [1]. Tanaka K, et al. Mutagenicity of N-acetyl and N,N'-diacetyl derivatives of 3 aromatic amines used as epoxy-resin hardeners. *Mutat Res.* 1985 May-Jun;143(1-2):11-5.
- [2]. Bonde S L, et al. Simultaneous determination of dapsone and its major metabolite N-Acetyl Dapsone by LC-MS/MS method. *Int. J. Pharm. Pharm. Sci.* 2013, 5: 441-446.

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

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