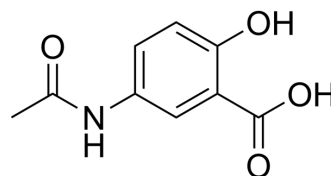


N-Acetyl mesalazine

Cat. No.:	HY-66008
CAS No.:	51-59-2
Molecular Formula:	C ₉ H ₉ NO ₄
Molecular Weight:	195.17
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)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (640.47 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	5.1237 mL	25.6187 mL	51.2374 mL
	5 mM	1.0247 mL	5.1237 mL	10.2475 mL
	10 mM	0.5124 mL	2.5619 mL	5.1237 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

N-Acetyl mesalazine (N-Acetyl-5-aminosalicylic acid) is the metabolite of 5-Aminosalicylic Acid (HY-15027) with endoscopic activity. N-Acetyl mesalazine can be used for the research of ulcerative colitis^[1].

REFERENCES

- [1]. Allgayer H, et al. Modulation of base hydroxylation by bile acids and salicylates in a model of human colonic mucosal DNA: putative implications in colonic cancer. *Dig Dis Sci.* 1999 Apr;44(4):761-7.
- [2]. Fukuda T, et al. Mucosal concentrations of N-acetyl-5-aminosalicylic acid related to endoscopic activity in ulcerative colitis patients with mesalamine. *J Gastroenterol Hepatol.* 2020 Nov;35(11):1878-1885.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA