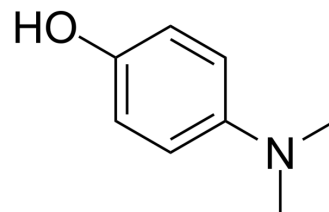


4-(Dimethylamino)phenol

Cat. No.:	HY-34154
CAS No.:	619-60-3
Molecular Formula:	C ₈ H ₁₁ NO
Molecular Weight:	137.18
Target:	Others
Pathway:	Others
Storage:	Powder -20°C 3 years 4°C 2 years In solvent -80°C 6 months -20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (728.97 mM; ultrasonic and warming and heat to 60°C)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		7.2897 mL	36.4485 mL	72.8969 mL
	5 mM		1.4579 mL	7.2897 mL	14.5794 mL
	10 mM		0.7290 mL	3.6448 mL	7.2897 mL

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

BIOLOGICAL ACTIVITY

Description

4-(Dimethylamino)phenol increases the extracellular lactate dehydrogenase (LDH) without markedly affecting gluconeogenesis. 4-(Dimethylamino)phenol cannot decreases the ATP content until the membrane becomes permeable to LDH^[1].

REFERENCES

[1]. Szinicz LL, et al. Effects of 4-dimethylaminophenol in rat kidneys, isolated rat kidney tubules and hepatocytes. Xenobiotica. 1980;10(7-8):611-620.

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