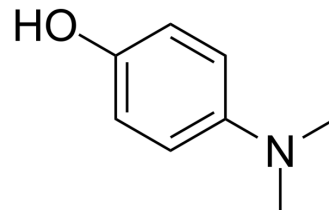


## 4-(Dimethylamino)phenol

Cat. No.:	HY-34154		
CAS No.:	619-60-3		
Molecular Formula:	C <sub>8</sub> H <sub>11</sub> 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)

Concentration	Mass		
	1 mg	5 mg	10 mg
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 decrease the ATP content until the membrane becomes permeable to LDH<sup>[1]</sup>.

### 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.**

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