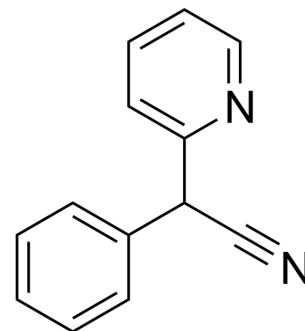


2-Phenyl-2-(2-pyridyl)acetonitrile

Cat. No.:	HY-W009934		
CAS No.:	5005-36-7		
Molecular Formula:	C ₁₃ H ₁₀ N ₂		
Molecular Weight:	194.23		
Target:	Drug Metabolite		
Pathway:	Metabolic Enzyme/Protease		
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 (514.85 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	5.1485 mL	25.7427 mL	51.4854 mL
	5 mM	1.0297 mL	5.1485 mL	10.2971 mL
	10 mM	0.5149 mL	2.5743 mL	5.1485 mL

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

BIOLOGICAL ACTIVITY

Description

2-Phenyl-2-(2-pyridyl)acetonitrile is the major metabolite of SC 15396 metabolized by the supernatant fraction of rat liver homogenate. SC 15396 is an antagastin that inhibits gastric secretion^[1].

REFERENCES

[1]. Gibson MJ, et al. The metabolism of thioamides by the supernatant fraction of rat liver homogenate. J Pharm Pharmacol. 1969 Dec;21:Suppl:195S+.

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

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