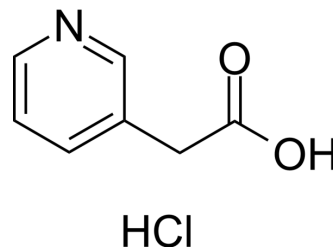


3-Pyridylacetic acid hydrochloride

Cat. No.:	HY-W004515
CAS No.:	6419-36-9
Molecular Formula:	C ₇ H ₈ ClNO ₂
Molecular Weight:	173.6
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (576.04 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	5.7604 mL	28.8018 mL	57.6037 mL
	5 mM	1.1521 mL	5.7604 mL	11.5207 mL
	10 mM	0.5760 mL	2.8802 mL	5.7604 mL

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

BIOLOGICAL ACTIVITY

Description

3-Pyridineacetic acid hydrochloride is a higher homologue of nicotinic acid, a breakdown product of nicotine (and other tobacco alkaloids)^{[1][2]}.

REFERENCES

[1]. GINOULHIAC E, et al. 3-Pyridineacetic acid and nicotinic acid: blood levels, urinary elimination and excretion of nicotinic acid derivatives in man. *Nature*. 1962 Mar 10;193:948-9.

[2]. Zwickenpflug W, et al. Metabolism of myosmine in Wistar rats. *Drug Metab Dispos*. 2005 Nov;33(11):1648-56.

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

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