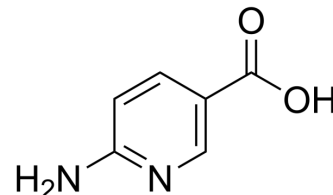


6-Aminonicotinic acid

Cat. No.:	HY-W015793		
CAS No.:	3167-49-5		
Molecular Formula:	C ₆ H ₆ N ₂ O ₂		
Molecular Weight:	138.12		
Target:	GABA Receptor		
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling		
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 : 2.5 mg/mL (18.10 mM; ultrasonic and warming and heat to 60°C)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		7.2401 mL	36.2004 mL	72.4008 mL
	5 mM		1.4480 mL	7.2401 mL	14.4802 mL
	10 mM		0.7240 mL	3.6200 mL	7.2401 mL

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

BIOLOGICAL ACTIVITY

Description

6-Aminonicotinic acid is a GABA_A receptor agonist with K_i value of 4.4 nM^[1].

REFERENCES

[1]. Petersen JG, et al. Synthesis and pharmacological evaluation of 6-aminonicotinic acid analogues as novel GABA(A) receptor agonists. Eur J Med Chem. 2014 Sep 12;84:404-16.

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

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