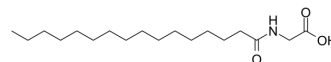


Palmitoylglycine

Cat. No.:	HY-W074890		
CAS No.:	2441-41-0		
Molecular Formula:	$C_{18}H_{35}NO_3$		
Molecular Weight:	313.48		
Target:	Calcium Channel; NO Synthase		
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling; Immunology/Inflammation		
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 : 5 mg/mL (15.95 mM; ultrasonic and warming and heat to 60°C)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		3.1900 mL	15.9500 mL	31.9000 mL
	5 mM		0.6380 mL	3.1900 mL	6.3800 mL
	10 mM		0.3190 mL	1.5950 mL	3.1900 mL

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

BIOLOGICAL ACTIVITY

Description

Palmitoylglycine (N-palmitoyl glycine), an endogenous lipid that acts as a modulator of calcium influx and nitric oxide (NO) production in sensory neurons^[1].

REFERENCES

[1]. Neta Rimmerman, et al. N-palmitoyl glycine, a novel endogenous lipid that acts as a modulator of calcium influx and nitric oxide production in sensory neurons. Mol Pharmacol. 2008 Jul;74(1):213-24.

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

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