

## Aviglycine hydrochloride

Cat. No.: HY-W009861

CAS No.: 55720-26-8

Molecular Formula:  $C_6H_{13}ClN_2O_3$

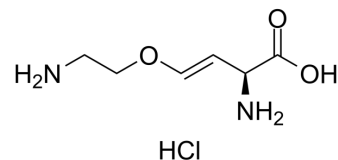
Molecular Weight: 196.63

Target: Others

Pathway: Others

Storage: -20°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

H<sub>2</sub>O : 75 mg/mL (381.43 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		5.0857 mL	25.4285 mL	50.8569 mL
	5 mM		1.0171 mL	5.0857 mL	10.1714 mL
	10 mM		0.5086 mL	2.5428 mL	5.0857 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Aviglycine (hydrochloride) (ABG-3168) is an inhibitor of ethylene biosynthesis. Aviglycine (hydrochloride) (ABG-3168) application delays natural flowering in pineapple<sup>[1]</sup>.

### REFERENCES

[1]. en-Huang Wang, et al. Delaying Natural Flowering in Pineapple Through Foliar Application of Aviglycine, an Inhibitor of Ethylene Biosynthesis.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA