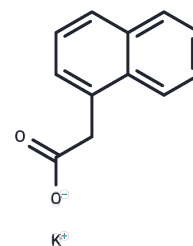


1-Naphthaleneacetic acid potassium salt

Chemical Properties

CAS No. :	15165-79-4
Formula:	C ₁₂ H ₉ O ₂ .K
Molecular Weight:	224.3
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	1-Naphthaleneacetic acid potassium salt (1-NAA Potassium Salt) is used as a plant Growth Regulator that affects conidial germination, sporulation, mycelial growth, cell surface morphology, and the viability of certain fungal plant pathogens.
Targets(IC50)	Phospholipase

Solubility Information

Solubility	DMSO: 45 mg/mL (200.62 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.4583 mL	22.2916 mL	44.5831 mL
5 mM	0.8917 mL	4.4583 mL	8.9166 mL
10 mM	0.4458 mL	2.2292 mL	4.4583 mL
50 mM	0.0892 mL	0.4458 mL	0.8917 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Manzo-Valencia MK, et al. Naphthalene Acetic Acid Potassium Salt (NAA-K⁺) Affects Conidial Germination, Sporulation, Mycelial Growth, Cell Surface Morphology, and Viability of *Fusarium oxysporum* f. sp. radici-

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 36 Washington Street, Wellesley Hills, MA 02481