

PPO-IN-19

Chemical Properties

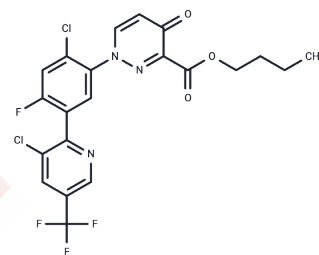
CAS No. : 3058267-27-6

Formula: C₂₁H₁₅Cl₂F₄N₃O₃

Molecular Weight: 504.262

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	PPO-IN-19 (Compound 7m) is a protoporphyrinogen IX oxidase (PPO) inhibitor with an IC ₅₀ of 124 nM. It exhibits herbicidal activity and is relevant for herbicide-related research in the agricultural sector.
Targets(IC ₅₀)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9831 mL	9.9155 mL	19.831 mL
5 mM	0.3966 mL	1.9831 mL	3.9662 mL
10 mM	0.1983 mL	0.9916 mL	1.9831 mL
50 mM	0.0397 mL	0.1983 mL	0.3966 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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: 34 Washington Street, Wellesley Hills, MA 02481