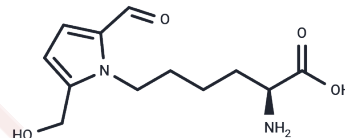


Pyrraline

Chemical Properties

CAS No. :	74509-14-1
Formula:	C ₁₂ H ₁₈ N ₂ O ₄
Molecular Weight:	254.28
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	Pyrraline is an activator of the Nrf2 pathway with antioxidant and anti-inflammatory properties. It enhances antioxidant enzymes like NAD(P)H oxidase (NQO1) and heme oxygenase-1 (HO-1) by activating the antioxidant response element (ARE), while inhibiting inflammation mediated by NFκB. Pyrraline holds potential for research in metabolic disorders, such as diabetic nephropathy, and cancer.
Targets(IC50)	NF-κB, Nrf2, Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9327 mL	19.6634 mL	39.3267 mL
5 mM	0.7865 mL	3.9327 mL	7.8653 mL
10 mM	0.3933 mL	1.9663 mL	3.9327 mL
50 mM	0.0787 mL	0.3933 mL	0.7865 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