

Urolinin

Chemical Properties

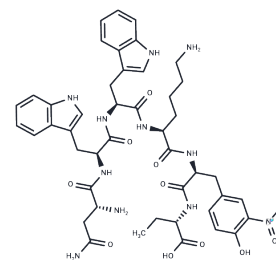
CAS No. :

Formula: C₄₅H₅₅N₁₁O₁₁

Molecular Weight: 926

Appearance: no data available

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



Biological Description

Description	Urolinin is a linear peptidic Urotensin-II Receptor Agonist with low nanomolar potency as well as improved metabolic stability. Urolinin is a hexameric UIIR agonist with an EC ₅₀ of 4.75 nM and a metabolic stability of 1319 min, 6.3-fold higher than wild-type U-II.
-------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0799 mL	5.3996 mL	10.7991 mL
5 mM	0.216 mL	1.0799 mL	2.1598 mL
10 mM	0.108 mL	0.540 mL	1.0799 mL
50 mM	0.0216 mL	0.108 mL	0.216 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

Urolinin: The First Linear Peptidic Urotensin-II Receptor Agonist Sebastian Bandholtz, Sarah Erdmann, Jan Lennart von Hacht, Samantha Exner, Gerd Krause, Gunnar Kleinau, and Carsten Grötzinger Publication Date (Web):

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