

Nrf2 activator-2

Chemical Properties

CAS No. :

Formula: C₂₀H₁₇BrO₃

Molecular Weight: 385.25

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	Nrf2 activator-2 (referred to as compound O15), an Osthole derivative, is a highly potent Nrf2 agonist exhibiting an EC 50 of 2.9 μM in 293 T cells. By effectively disrupting the binding between Keap1 and Nrf2, Nrf2 activator-2 activates the Nrf2 pathway. Furthermore, this compound significantly reduces the ubiquitination of Nrf2 in cells, indicating its potential in regulating Nrf2 activity [1].
Targets(IC50)	Others,Nrf2

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5957 mL	12.9786 mL	25.9572 mL
5 mM	0.5191 mL	2.5957 mL	5.1914 mL
10 mM	0.2596 mL	1.2979 mL	2.5957 mL
50 mM	0.0519 mL	0.2596 mL	0.5191 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.

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