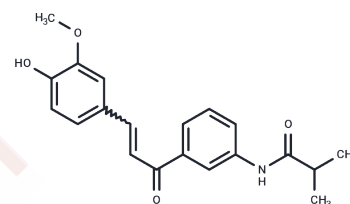


Curcumin 5-8

Chemical Properties

CAS No. :	890984-26-6
Formula:	C ₂₀ H ₂₁ N ₁ O ₄
Molecular Weight:	339.39
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	Curcumin 5-8 (CUR5-8), a naturally active analog of curcumin (CUR), exhibits potent oral activity. It effectively inhibits lipid droplet formation, enhances autophagy, and reduces apoptosis. Additionally, Curcumin 5-8 has been shown to ameliorate insulin resistance and enhance insulin sensitivity [1].
Targets(IC50)	Apoptosis,Others,Autophagy

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9465 mL	14.7323 mL	29.4646 mL
5 mM	0.5893 mL	2.9465 mL	5.8929 mL
10 mM	0.2946 mL	1.4732 mL	2.9465 mL
50 mM	0.0589 mL	0.2946 mL	0.5893 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

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