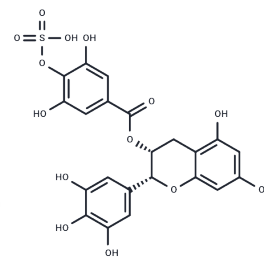


EGCG-4''-sulfate

Chemical Properties

CAS No. :	2708237-76-5
Formula:	C ₂₂ H ₁₈ O ₁₄ S
Molecular Weight:	538.43
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	EGCG-4''-sulfate, a predominant polyphenol in green tea, demonstrates notable anticancer, antioxidant, and anti-inflammatory effects, particularly against colorectal cancer, myeloid leukemia, and thyroid carcinoma [1] [2] [3] [4]. This compound not only inhibits cell proliferation and triggers cell apoptosis but also suppresses the activity of glutamate dehydrogenase 1/2 (GDH1/2, GLUD1/2), highlighting its important role in cancer prevention and treatment.
Targets(IC50)	Apoptosis,Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8573 mL	9.2863 mL	18.5725 mL
5 mM	0.3715 mL	1.8573 mL	3.7145 mL
10 mM	0.1857 mL	0.9286 mL	1.8573 mL
50 mM	0.0371 mL	0.1857 mL	0.3715 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