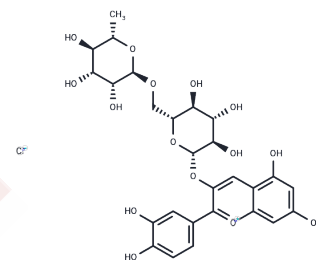


Keracyanin chloride

Chemical Properties

CAS No. :	18719-76-1
Formula:	C ₂₇ H ₃₁ ClO ₁₅
Molecular Weight:	630.98
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	Keracyanin chloride (Cyanidin 3-rutinoside chloride), an anthocyanin compound, exhibits antioxidant properties and effectively prevents the formation of malonaldehyde in oxidized calf thymus DNA, underlining its potential in reducing oxidative damage.
Targets(IC50)	ERK,FAK,NF-κB,COX,JNK,p38 MAPK,PPAR,ROS

Solubility Information

Solubility	DMSO: 6.31 mg/mL (10 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5848 mL	7.9242 mL	15.8484 mL
5 mM	0.317 mL	1.5848 mL	3.1697 mL
10 mM	0.1585 mL	0.7924 mL	1.5848 mL
50 mM	0.0317 mL	0.1585 mL	0.317 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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