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Produktinformation



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

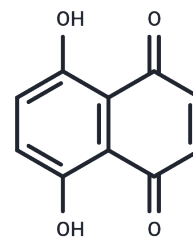
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Naphthazarin

Chemical Properties

CAS No. :	475-38-7
Formula:	C ₁₀ H ₆ O ₄
Molecular Weight:	190.15
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Naphthazarin (5,8-Dihydroxy-1,4-naphthoquinone) is effective by various cellular mechanisms including oxidative stress, activation of mitochondrial apoptosis-inducing factor (AIF), depolymerization of microtubules, interference with lysosomal function and p53-dependent p21 activation. It triggers apoptosis and has anti-tumor effects
Targets(IC50)	Apoptosis

Solubility Information

Solubility	DMSO: Slightly soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.259 mL	26.295 mL	52.5901 mL
5 mM	1.0518 mL	5.259 mL	10.518 mL
10 mM	0.5259 mL	2.6295 mL	5.259 mL
50 mM	0.1052 mL	0.5259 mL	1.0518 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

Omar Aljanadi, et al. Stimulation of Suicidal Erythrocyte Death by Naphthazarin. Basic Clin Pharmacol Toxicol. 2015 Dec;117(6):369-74.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481