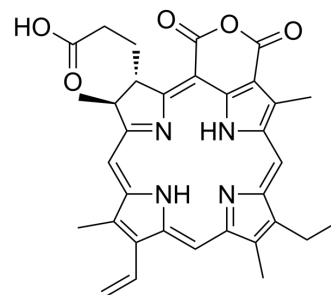


Purpurin 18

Cat. No.:	HY-128972		
CAS No.:	25465-77-4		
Molecular Formula:	C ₃₃ H ₃₂ N ₄ O ₅		
Molecular Weight:	564.63		
Target:	Reactive Oxygen Species		
Pathway:	Immunology/Inflammation; Metabolic Enzyme/Protease; NF-κB		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro

DMSO : 10 mg/mL (17.71 mM; ultrasonic and warming and heat to 60°C)
 Ethanol : < 1 mg/mL (insoluble)

	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.7711 mL	8.8554 mL	17.7107 mL
	5 mM	0.3542 mL	1.7711 mL	3.5421 mL
	10 mM	0.1771 mL	0.8855 mL	1.7711 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Purpurin 18, a derivative of chlorophyll, is an interesting dihydroporphyrin for generating photosensitizers^[1].

CUSTOMER VALIDATION

- Nat Commun. 2023 Sep 14;14(1):5699.

See more customer validations on www.MedChemExpress.com

REFERENCES

Caution: Product has not been fully validated for medical applications. For research use only.

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