



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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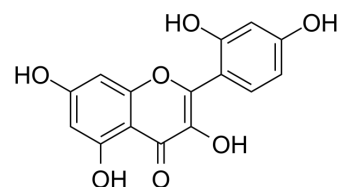
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Morin

Cat. No.:	HY-N0621
CAS No.:	480-16-0
Molecular Formula:	C ₁₅ H ₁₀ O ₇
Molecular Weight:	302.24
Target:	Others
Pathway:	Others
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 : 125 mg/mL (413.58 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		3.3086 mL	16.5431 mL	33.0863 mL
		5 mM		0.6617 mL	3.3086 mL	6.6173 mL
		10 mM		0.3309 mL	1.6543 mL	3.3086 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.08 mg/mL (6.88 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.08 mg/mL (6.88 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Morin, a plant-derived flavonoid, possesses low antioxidant activity. Morin is a fluorescing chelating agent used in aluminum speciation ^{[1][2]} .
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CUSTOMER VALIDATION

- Nat Commun. 2023 Jun 10;14(1):3445.
- J Pharm Anal. 2023 Apr 19.

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- Phytomedicine. 2023 May 13, 154866.
 - Plant Physiol. 2023 Jun 13;kiad339.

See more customer validations on www.MedChemExpress.com

REFERENCES

- [1]. Duthie G, et al. Antioxidant capacity of flavonoids in hepatic microsomes is not reflected by antioxidant effects in vivo. *Oxid Med Cell Longev*. 2012;2012:165127.
- [2]. Lian HZ, et al. Morin applied in speciation of aluminium in natural waters and biological samples by reversed-phase high-performance liquid chromatography with fluorescence detection. *Anal Bioanal Chem*. 2003 Jun;376(4):542-8. Epub 2003 May 9.
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Caution: Product has not been fully validated for medical applications. For research use only.

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