



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



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

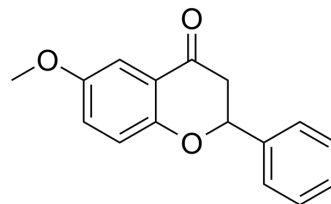
mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

6-Methoxyflavanone

Cat. No.:	HY-N8852
CAS No.:	3034-04-6
Molecular Formula:	C ₁₆ H ₁₄ O ₃
Molecular Weight:	254.28
Target:	GABA Receptor
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (393.27 mM; Need ultrasonic)																													
	Preparing Stock Solutions	<table border="1"> <thead> <tr> <th>Solvent</th> <th>Mass</th> <th>1 mg</th> <th>5 mg</th> <th>10 mg</th> </tr> </thead> <tbody> <tr> <td>Concentration</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1 mM</td> <td></td> <td>3.9327 mL</td> <td>19.6634 mL</td> <td>39.3267 mL</td> </tr> <tr> <td>5 mM</td> <td></td> <td>0.7865 mL</td> <td>3.9327 mL</td> <td>7.8653 mL</td> </tr> <tr> <td>10 mM</td> <td></td> <td>0.3933 mL</td> <td>1.9663 mL</td> <td>3.9327 mL</td> </tr> </tbody> </table>	Solvent	Mass	1 mg	5 mg	10 mg	Concentration					1 mM		3.9327 mL	19.6634 mL	39.3267 mL	5 mM		0.7865 mL	3.9327 mL	7.8653 mL	10 mM		0.3933 mL	1.9663 mL	3.9327 mL			
		Solvent	Mass	1 mg	5 mg	10 mg																								
		Concentration																												
		1 mM		3.9327 mL	19.6634 mL	39.3267 mL																								
5 mM		0.7865 mL	3.9327 mL	7.8653 mL																										
10 mM		0.3933 mL	1.9663 mL	3.9327 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: ≥ 2.5 mg/mL (9.83 mM); Clear solution																													

BIOLOGICAL ACTIVITY

Description	6-Methoxyflavanone (6-MeOF) is an orally active flavonoid compound. 6-Methoxyflavanone has anxiolytic properties. 6-Methoxyflavanone targets unique sites on GABA-A receptors, different from traditional benzodiazepines. 6-Methoxyflavanone can be used to study anxiety disorders. 6-Methoxyflavanone readily crosses the blood brain barrier (BBB) [1].
-------------	---

REFERENCES

[1]. Akbar S, et al. Characterization of 6-methoxyflavanone as a novel anxiolytic agent: A behavioral and pharmacokinetic approach. Eur J Pharmacol. 2017 Apr 15;801:19-27.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA