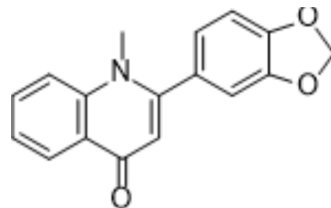


Graveoline

Cat. No.:	HY-12538		
CAS No.:	485-61-0		
Molecular Formula:	C ₁₇ H ₁₃ NO ₃		
Molecular Weight:	279.29		
Target:	Apoptosis; Fungal; Autophagy		
Pathway:	Apoptosis; Anti-infection; Autophagy		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description

Graveoline (Rutamine) is an anti-cancer agent that can trigger apoptosis and autophagy in skin melanoma cells. Graveoline also exhibits antifungal activity^[1].

REFERENCES

- [1]. Ghosh S, et, al. Graveoline isolated from ethanolic extract of *Ruta graveolens* triggers apoptosis and autophagy in skin melanoma cells: a novel apoptosis-independent autophagic signaling pathway. *Phytother Res.* 2014 Aug;28(8):1153-62.
- [2]. Kamal LZM, et, al. Identification of Alkaloid Compounds Arborinine and Graveoline from *Ruta angustifolia* (L.) Pers for their Antifungal Potential against Isocitrate lyase (ICL1) gene of *Candida albicans*. *Mycopathologia.* 2021 May;186(2):221-236.

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