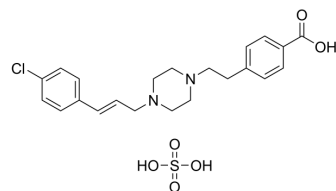


## BM 15766 sulfate

Cat. No.:	HY-137318
CAS No.:	86621-94-5
Molecular Formula:	C <sub>22</sub> H <sub>27</sub> ClN <sub>2</sub> O <sub>6</sub> S
Molecular Weight:	482.98
Target:	Others
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 2.6 mg/mL (5.38 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.0705 mL	10.3524 mL	20.7048 mL
	5 mM	0.4141 mL	2.0705 mL	4.1410 mL
	10 mM	---	---	---

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

### BIOLOGICAL ACTIVITY

#### Description

BM 15766 sulfate is an inhibitor of 7-dehydrocholesterol  $\delta$ 7-reductase and reduces plasma cholesterol levels. BM 15766 sulfate is a hypolipidemic agent<sup>[1][2]</sup>.

### REFERENCES

- [1]. Baumgart E, et al. Proliferation of peroxisomes without simultaneous induction of the peroxisomal fatty acid beta-oxidation. FEBS Lett. 1990 May 7;264(1):5-9.
- [2]. Honda, et al. Regulation of the last two enzymatic reactions in cholesterol biosynthesis in rats: effects of BM 15.766, cholesterol, cholic acid, lovastatin, and their combinations. Hepatology. 1996 Aug;24(2):435-9.

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

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