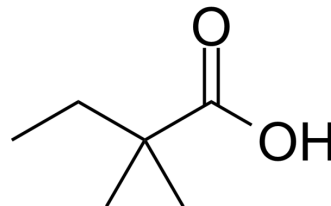


Dimebutic acid

Cat. No.:	HY-W015881		
CAS No.:	595-37-9		
Molecular Formula:	C ₆ H ₁₂ O ₂		
Molecular Weight:	116.16		
Target:	Others		
Pathway:	Others		
Storage:	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 100 mg/mL (860.88 mM)
 * "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	8.6088 mL	43.0441 mL	86.0882 mL
	5 mM	1.7218 mL	8.6088 mL	17.2176 mL
	10 mM	0.8609 mL	4.3044 mL	8.6088 mL

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
 Solubility: ≥ 2.08 mg/mL (17.91 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
 Solubility: ≥ 2.08 mg/mL (17.91 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
 Solubility: ≥ 2.08 mg/mL (17.91 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Dimebutic acid is a fatty acid derivative^[1].

REFERENCES

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

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