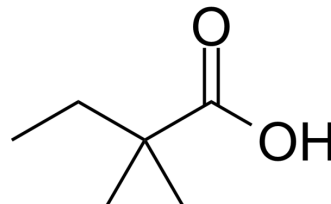


## Dimebutic acid

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



### SOLVENT & SOLUBILITY

#### In Vitro

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

	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	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<sup>[1]</sup>.

### REFERENCES

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

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