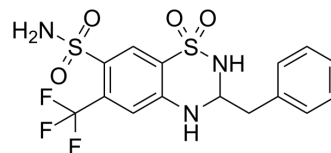


## Bendroflumethiazide

<b>Cat. No.:</b>	HY-B1363		
<b>CAS No.:</b>	73-48-3		
<b>Molecular Formula:</b>	C <sub>15</sub> H <sub>14</sub> F <sub>3</sub> N <sub>3</sub> O <sub>4</sub> S <sub>2</sub>		
<b>Molecular Weight:</b>	421.41		
<b>Target:</b>	Others		
<b>Pathway:</b>	Others		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 250 mg/mL (593.25 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.3730 mL	11.8649 mL	23.7299 mL
	5 mM	0.4746 mL	2.3730 mL	4.7460 mL
	10 mM	0.2373 mL	1.1865 mL	2.3730 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Bendroflumethiazide is an orally active diuretic. Bendroflumethiazide is an antihypertensive agent. Bendroflumethiazide has the potential for the research of arterial hypertensive disease<sup>[1]</sup>.

### REFERENCES

[1]. GRIEBLE HG, et al. Treatment of arterial hypertensive disease with diuretics. I. Effects on blood pressure of bendroflumethiazide, potassium chloride, and spironolactone. Arch Intern Med. 1962;110:26-33.

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

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