Creatinol hemisulfate

Cat. No.: HY-160080

CAS No.: 50648-53-8

Molecular Formula: $C_4H_{11}N_3O.{}_1/_2H_2O_4S$

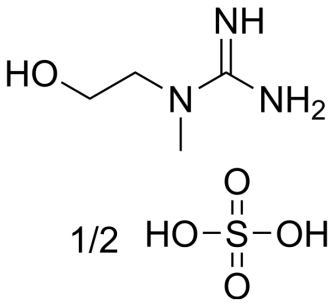
Molecular Weight: 166.18

Target: Others

Pathway: Others

Storage: 4°C, protect from light

* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

H_2O : 100 mg/mL (601.76 mM; Need ultrasonic)

DMSO : < 1 mg/mL (ultrasonic;warming;heat to 60°C) (insoluble or slightly soluble)

Preparing Stock Solutions

Concentration \ Solvent \ Mass	1 mg	5 mg	10 mg
1 mM	6.0176 mL	30.0879 mL	60.1757 mL
5 mM	1.2035 mL	6.0176 mL	12.0351 mL
10 mM	0.6018 mL	3.0088 mL	6.0176 mL

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

BIOLOGICAL ACTIVITY

Description

Creatinol (hemisulfate) is the N-ethyl analogue of creatine. Creatinol (hemisulfate) can be used for various researches[1].

REFERENCES

[1]. WALKER JB, et al. TISSUE REPRESSOR CONCENTRATION AND TARGET ENZYME LEVEL. Biochim Biophys Acta. 1964 Mar 9;81:435-41.

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