
Product Data Sheet

Product Name: Sulfadimethoxine-d6

Cat. No.: GC67945

Chemical Properties

Cas. No. 73068-02-7

Formula $C_{12}H_8D_6N_4O_4S$

M.Wt 316.37

Solubility DMSO : ≥ 100 mg/mL (316.09 mM)

Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Sulfadimethoxine-d6 (Sulphadimethoxine-d6) is the deuterium labeled Sulfadimethoxine. Sulfadimethoxine is a sulfonamide antibiotic used to treat many infections^[1].

[1]. Guerard JJ, et al. Photochemical fate of sulfadimethoxine in aquaculture waters. Environ Sci Technol. 2009 Nov 15;43(22):8587-92.

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

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