

Product Data Sheet

Product Name: Bismuthiol I

Cat. No.: GD01811

Chemical Properties

Cas. No. 1072-71-5

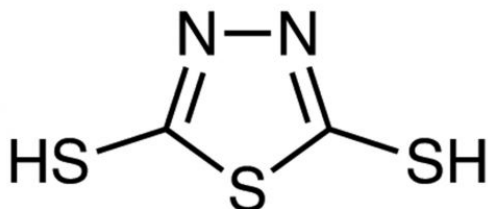
Formula	C ₂ H ₂ N ₂ S ₃	M.Wt	150.25
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Solubility	DMSO : 116.67 mg/mL(776.51 mM; Need ultrasonic)	Storage	4°C, stored under nitrogen
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General tips	For obtaining a higher solubility , please warm the 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.
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Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.
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Structure



Background

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

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Address: 10292 Central Ave. #205, Montclair, CA, USA

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1,3,4-Thiadiazole-2,5-dithiol is a reagent for the determination of bismuth, copper and lead [1].

References:

[1].Ghaedi M, et al. Adaptive neuro-fuzzy inference system model for adsorption of 1,3,4-thiadiazole-2,5-dithiol onto gold nanoparticules-activated carbon. Spectrochim Acta A Mol Biomol Spectrosc. 2014 Oct 15;131:606-14.

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