



LKT Laboratories, Inc.

## Meso-2,3-dimercaptosuccinic Acid

Phone: 888-558-5227

651-644-8424

Fax: 888-558-7329

Email: [getinfo@lctlabs.com](mailto:getinfo@lctlabs.com)

Web: [lctlabs.com](http://lctlabs.com)

### Product Information

Product ID D4873

CAS No. 304-55-2

Chemical Name (2R, 3S)-rel-2,3-Dimer-captobutanedioic acid

Synonym Succimer, DMS, DMSA

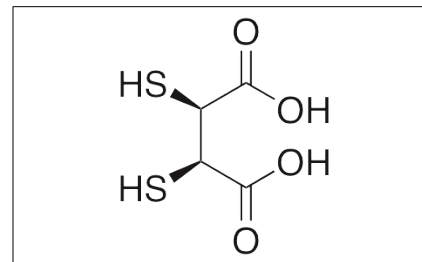
Formula  $C_4H_6O_4S_2$

Formula Wt. 182.22

Melting Point 196-198°C (lit.)

Purity ≥98%

Solubility Soluble in water.



### Pricing and Availability

*Bulk quantities available upon request*

Product ID	Size	List Price
D4873	1 g	\$50.90
D4873	5 g	\$147.00
D4873	25 g	\$510.50

Store Temp Ambient

Ship Temp Ambient

Description Meso-2,3-dimercaptosuccinic acid (DMSA) is an organosulfur chelating agent that is clinically used to treat lead poisoning; it is also used in the function imaging of renal tissue.

References Wright JW, Duguid R, McKiddie F, et al. Automatic classification of DMSA scans using an artificial neural network. *Phys Med Biol.* 2014 Apr 7;59(7):1789-800. PMID: 24619240.

Rooney JP. The role of thiols, dithiols, nutritional factors and interacting ligands in the toxicology of mercury. *Toxicology.* 2007 May 20;234(3):145-56. Erratum in: *Toxicology.* 2007 Sep 5;238(2-3):216. PMID: 17408840.

**Caution:** This product is intended for laboratory and research use only. It is not for human or drug use.