

## Product Data Sheet

Product Name: 1-Adamantaneacetic acid

Cat. No.: GD00226

### Chemical Properties

Cas. No. 4942-47-6

Formula C<sub>12</sub>H<sub>18</sub>O<sub>2</sub>

M.Wt 194.27

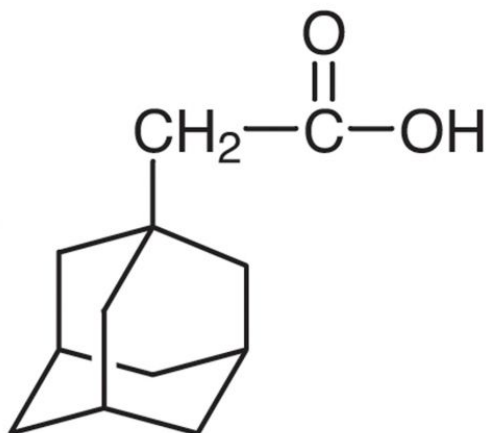
Solubility

Storage

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

1-Adamantaneacetic acid is an aliphatic carboxylic acid that can be used as an acylating agent, commonly found in chemical synthesis.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

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

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- [1]. Sun X, et al. "One-Pot" Synthesis of  $\gamma$ -Pyrone from Aromatic Ketones/Heteroarenes and Carboxylic Acids. J Org Chem. 2020 Dec 4;85(23):15051-15061.
- [2]. Labudda-Dawidowska O, et al. New bradykinin analogues modified in the C-terminal part with sterically restricted 1-aminocyclohexane-1-carboxylic acid. J Med Chem. 2005 Dec 15;48(25):8055-9.

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