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**Product Data Sheet**

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Product Name: Hydroxyvalerenic acid

Cat. No.: GC39712

**Chemical Properties**

Cas. No. 1619-16-5

SMILES O=C(O)/C(C)=C/[C@H]1C2=C(C)C[C@@H](O)[C@]2([H])[C@H](C)CC1Formula  $C_{15}H_{22}O_3$  M.Wt 250.33

Solubility Soluble in DMSO 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**

Hydroxyvalerenic acid is isolated from *Verbena officinalis*, has a low toxicity with IC50 values of 123 and 165  $\mu$ M against GLC4 and COLO 320 cells, respectively[1].

[1]. Bos R, et al. Cytotoxic potential of valerian constituents and valerian tinctures. *Phytomedicine*. 1998 May;5(3):219-25.

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

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