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**Product Data Sheet**

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Product Name: Valechlorine

Cat. No.: GC60378

**Chemical Properties**

Cas. No. 51771-49-4

SMILES O[C@]1(CCI)[C@@H](OC(CC(C)C)=O)C=C2[C@]1([H])[C@H](OC(CC(C)C)=O)OC=C2COC(C)=OFormula C<sub>22</sub>H<sub>31</sub>ClO<sub>8</sub> M.Wt 458.93

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**

Valechlorine, a autophagy enhancer, breaks down lipid droplets. Valechlorine reduces oleic acid (OA)-induced lipid accumulation in an Atg5-dependent manner[1].

[1]. Lee DH, et al. Iridoids of Valeriana fauriei contribute to alleviating hepatic steatosis in obese mice by lipophagy. *Biomed Pharmacother.* 2020 Feb 10;125:109950.

**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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