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**Product Data Sheet**

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Product Name: Vomisine

Cat. No.: GC39047

**Chemical Properties**

Cas. No. 125-15-5

SMILES O=C1[C@@]23[C@](N4C5=C(O)C=CC=C35)([H])[C@@]6([H])[C@@](C(CN(C)CC2)=CCO[C@@]6([H])CC4=O)([H])C1Formula C<sub>22</sub>H<sub>24</sub>N<sub>2</sub>O<sub>4</sub> M.Wt 380.44Solubility DMSO : 10 mg/mL (26.29 mM; ultrasonic and warming and heat to 60°C); H<sub>2</sub>O : < 0.1 mg/mL (insoluble) Store Storage 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**

Vomisine, an alkaloid isolated from seeds of *S. nux-vomica*, shows antidiabetic activity[1].

[1]. Bhati R, et al. *Strychnos nux-vomica* seeds: Pharmacognostical standardization, extraction, and antidiabetic activity. *J Ayurveda Integr Med.* 2012 Apr;3(2):80-4.

**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