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**Product Data Sheet**

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Product Name: SOLENOPSIN

Cat. No.: GC34053

**Chemical Properties**

Cas. No. 137038-57-4

SMILES CCCCCCCCCCC[C@@H]1CCC[C@@H](C)N1Formula C<sub>17</sub>H<sub>35</sub>N M.Wt 253.47

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**

Solenopsin is an ATP-competitive AKT inhibitor with IC<sub>50</sub> value of 10 μM .

[1]. Arbiser JL, et al. Solenopsin, the alkaloidal component of the fire ant (*Solenopsis invicta*), is a naturally occurring inhibitor of phosphatidylinositol-3-kinase signaling and angiogenesis. *Blood*. 2007 Jan 15;109(2):560-5. Epub 2006 Sep 21.

**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