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**Product Data Sheet**

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Product Name: Ecteinascidin-Analog-1

Cat. No.: GC34161

**Chemical Properties**

Cas. No. 874758-58-4

SMILES O=C(N1[C@@H]([C@H]2N(C(OC(C)(C)C)=O)C(C)(C)OC2)C3=C(C=C(C)C(OC)=C3OCC=C)C[C@H]1COC(C)=O)OCC=CFormula C<sub>31</sub>H<sub>44</sub>N<sub>2</sub>O<sub>9</sub> M.Wt 588.69

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**

Ecteinascidin-Analog-1 is a useful intermediate for chemical synthesis of Ecteinascidin analogues; Ecteinascidins is a family of tetrahydroisoquinoline alkaloids with wide range of antitumor and antimicrobial activities.

[1]. Chen J, et al. Asymmetric total syntheses of ecteinascidin 597 and ecteinascidin 583. *Angew Chem Int Ed Engl.* 2006 Dec 4;45(47):8028-32.

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

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