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## Product Data Sheet

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Product Name: Polygalaxanthone XI

Cat. No.: GC36945

### Chemical Properties

Cas. No. 857859-82-6

SMILES OC1=C2C(OC3=CC(O)=C(OC)C=C3C2=O)=CC(O)=C1[C@H]4[C@@H]([C@H]([C@H](O)[C@@H](CO)O4)O)O[C@@]5([H])[C@@H]([C@](CO)(O)CO5)O

Formula C<sub>25</sub>H<sub>28</sub>O<sub>15</sub> M.Wt 568.48

Solubility DMSO : 100 mg/mL (175.91 mM; Need ultrasonic) 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

Polygalaxanthone XI, a xanthone glycoside isolated from the cortexes of *Polygala tenuifolia*, can be used in the study of expectorant, sedative, and tranquilizing agent[1].

[1]. Jiang Y, et al. Xanthone glycosides from *Polygala tenuifolia* and their conformational analyses. *J Nat Prod.* 2005 Jun;68(6):875-9.

**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