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## Product Data Sheet

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Product Name: Sibiricose A6

Cat. No.: GC37637

**Chemical Properties**

Cas. No. 241125-75-7

SMILES OC[C@]([C@H]1OC(/C=C/C2=CC(OC)=C(O)C(OC)=C2)=O)(O[C@H](CO)[C@H]1O)O[C@H]([C@@H]([C@@H](O)[C@@H]3O)O)O[C@@H]3CO

Formula	C <sub>23</sub> H <sub>32</sub> O <sub>15</sub>	M.Wt	548.49
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Solubility	Soluble in DMSO	Storage	Store at -20°C
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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**

Sibiricose A6 is an oligosaccharide ester isolated from Polygalae Radix with potent antioxidant activity[1][2].

[1]. Ba Y, et al. Intestinal Absorption Profile of Three Polygala Oligosaccharide Esters in Polygalae Radix and the Effects of Other Components in Polygalae Radix on Their Absorption. Evid Based Complement Alternat Med. 2019 Jul 2;2019:1379531. [2]. Shi Q, et al. Indirect identification of antioxidants in Polygalae Radix through their reaction with 2,2-diphenyl-1-picrylhydrazyl and subsequent HPLC-ESI-Q-TOF-MS/MS. Talanta. 2015 Nov 1;144:830-5.

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

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