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**Product Data Sheet**

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Product Name: Paeoniflorin sulfite

Cat. No.: GC61166

**Chemical Properties**

Cas. No. 1146967-98-7

SMILES O=C(C1=CC=CC=C1)OC[C@]([C@@]2([H])C3)([C@@](O4)([H])O[C@@]25OS(O)=O)[C@]3([C@@]4(C5)C)O[C@]([C@@H]([C@H]6O)O)([H])O[C@@H]([C@H]6O)CO

Formula C<sub>23</sub>H<sub>28</sub>O<sub>13</sub>S M.Wt 544.53

Solubility DMSO : 100 mg/mL (183.64 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**

Paeoniflorin, a main component of Paeoniae Radix Alba, could be transformed into Paeoniflorin sulfite during sulfur-fumigation of Paeoniae Radix Alba[1].

[1]. Ke Pei, et al. Ultra-high-performance liquid chromatography-quadrupole/time of flight mass spectrometry combined with statistical analysis for rapidly revealing the influence of sulfur-fumigated Paeoniae Radix Alba on the chemical constituents of Si Wu Tang. Analytical Methods. 2015.

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

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