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## Product Data Sheet

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Product Name: Isobutylshikonin

Cat. No.: GC60207

### Chemical Properties

Cas. No. 52438-12-7

SMILES O=C1C2=C(O)C=CC(O)=C2C(C=C1[C@@H](C/C=C(C)/C)OC(C(C)C)=O)=O

Formula C<sub>20</sub>H<sub>22</sub>O<sub>6</sub>

M.Wt 358.39

Solubility DMSO : 10 mg/mL (27.90 mM; Need ultrasonic)

Storage

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

Isobutylshikonin is a kind of shikonin pigments from hairy root culture of *Lithospermum canescens*[1].

[1]. H Damianakos, et al. Shikonin pigments from hairy root culture of *Lithospermum canescens*. *Planta Med* 2007; 73 - P\_185.

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

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