
Product Data Sheet

Product Name: Oxysanguinarine

Cat. No.: GC61163

Chemical Properties

Cas. No. 548-30-1

SMILES O=C1N(C)C2=C3C(C=C4OCOC4=C3)=CC=C2C5=C1C6=C(OCO6)C=C5Formula $C_{20}H_{13}NO_5$ M.Wt 347.32

Solubility 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**

Oxysanguinarine (Hydroxysanguinarine;8-Oxosanguinarine) is a protoberberine alkaloid from *Meconopsis simplicifolia* with antimalarial activity[1].

[1]. Phurpa Wangchuk, et al. A new protoberberine alkaloid from *Meconopsis simplicifolia* (D. Don) Walpers with potent antimalarial activity against a multidrug resistant *Plasmodium falciparum* strain. *J Ethnopharmacol.* 2013 Dec 12;150(3):953-9.

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

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