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## Product Data Sheet

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Product Name: Thalrugosaminine  
Cat. No.: GC39045

### Chemical Properties

Cas. No. 22226-73-9

SMILES COC1=C(O2)C3=C(CCN(C)[C@@]3([H])CC4=CC=C(OC5=C(OC)C=CC[C@@]6([H])C7=C(CCN6C)C=C(OC)C2=C7)=C5)C=C4)C(OC)=C1OC

Formula C<sub>39</sub>H<sub>44</sub>N<sub>2</sub>O<sub>7</sub> M.Wt 652.78

Solubility Soluble in DMSO Storage Store at -20°C

General 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

Thalrugosaminine is a benzylisoquinoline alkaloid isolated from the roots of *Thalictrum minus*. Thalrugosaminine shows good antibacterial activity with MIC values of 64-128 µg/ml [1].

[1]. Mushtaq S, et al. Isolation and characterization of three benzylisoquinoline alkaloids from *Thalictrum minus* L. and their antibacterial activity against bovine mastitis. *J Ethnopharmacol.* 2016 Dec 4;193:221-226.

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

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