

Product Data Sheet

Product Name: Pheleuin
Cat. No.: GC40265

Chemical Properties

Cas. No. 169195-23-7

SMILES O=C1NC(CC2=CC=CC=C2)=CN=C1CC(C)C

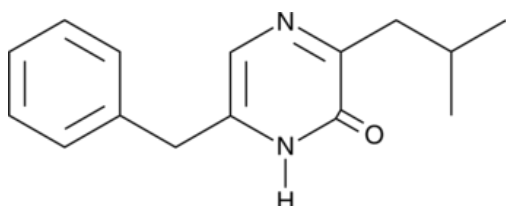
Formula C₁₅H₁₈N₂O M.Wt 242.3

Solubility DMF: 20 mg/ml, DMF:PBS(pH 7.2) Storage Store at -20°C
(1:1): 0.5 mg/ml, DMSO: 20 mg/ml, Ethanol: 5 mg/ml

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 sizes: ship with RT, or blue ice upon request.

Structure



Background

Pheleuin is a pyrazinone derivative synthesized from a dipeptide aldehyde. Although the biological activity of this compound has not been reported, similar diketopiperazines are known to inhibit calpain and/or regulate *S. aureus* virulence factor expression.

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

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