

Product Data Sheet

Product Name: MurA-IN-1

Cat. No.: GC63085

Chemical Properties

Cas. No. 354815-90-0

Formula $C_{13}H_{13}NO_2$ M.Wt 215.25

Solubility DMSO : 50 mg/mL (232.29 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.

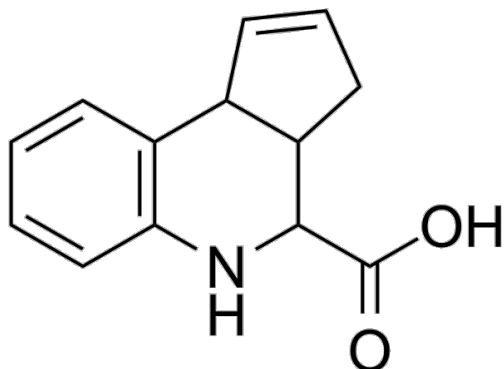
Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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Structure



Background

MurA-IN-1 (compound 1a) is a PTPRR inhibitor, with IC₅₀ values of 0.23 μ M, 0.8 μ M, 0.75 μ M and 0.09 μ M for PTP1B, PTPN5, PTPN7 and PTPRR, respectively[1]. (A family of human MAPK-specific protein tyrosine phosphatases)

[1]. Jeyanthi Eswaran, et al. Crystal structures and inhibitor identification for PTPN5, PTPRR and PTPN7: a family of human MAPK-specific protein tyrosine phosphatases. Biochem J. 2006 May 1;395(3):483-91.

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