

Product Data Sheet

Product Name: ML 086
Cat. No.: GC79740

Chemical Properties

Cas. No. 1177148-36-5

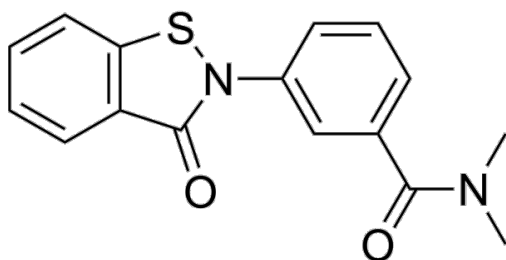
Formula $C_{16}H_{14}N_2O_2S$ M.Wt 298.36

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

ML 086 is a highly selective PHOSPHO1 phosphatase inhibitor ($IC_{50} = 0.14 \mu M$). ML 086 is promising for research of hereditary vascular calcification disorders (e.g., generalized arterial calcification of infancy) and spinal ligament ossification [1].

References:

[1]. Bravo Y, et al. Design, synthesis and evaluation of benzoisothiazolones as selective inhibitors of PHOSPHO1. *Bioorg Med Chem Lett.* 2014 Sep 1;24(17):4308-11.

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

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