

Product Data Sheet

Product Name: Imidazoleacetic acid hydrochloride

Cat. No.: GC38356

Chemical Properties

Cas. No. 3251-69-2

SMILES O=C(O)CC1=CN=CN1.[H]Cl

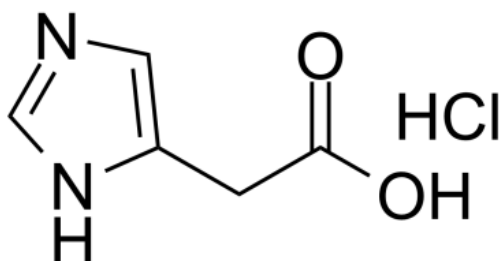
Formula C5H7ClN2O2 M.Wt 162.57

Solubility DMSO: ≥ 100 mg/mL (615.12 mM) 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

2-(1H-Imidazol-5-yl)acetic acid hydrochloride is an endogenous metabolite.

[1]. Prell GD, et al. Imidazoleacetic acid-ribotide: an endogenous ligand that stimulates imidazol(in)e receptors. Proc Natl Acad Sci U S A. 2004 Sep 14;101(37):13677-82.

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

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