

Product Data Sheet

Product Name: Iproniazid phosphate

Cat. No.: GC33677

Chemical Properties

Cas. No. 305-33-9

SMILES O=C(C1=CC=NC=C1)NNC(C)C.O=P(O)(O)O

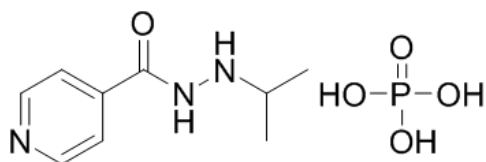
Formula $C_9H_{16}N_3O_5P$ M.Wt 277.21

Solubility DMSO : 100 mg/mL (360.74 mM); Water : ≥ 50 mg/mL (180.37 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

Iproniazid is a non-selective, irreversible monoamine oxidase inhibitor (MAOI) of the hydrazine class.

[1]. Fagervall I, et al. Inhibition of monoamine oxidase in monoaminergic neurones in the rat brain by irreversible inhibitors. Biochemical pharmacology 35 (8): 1381-1387

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

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