
Product Data Sheet

Product Name: ML 154
Cat. No.: GC14408

Chemical Properties

Cas. No. 1345964-89-7

Chemical Name 1-cinnamyl-3-(diphenylphosphorothioyl)-2-methyl-1H-imidazo[1,2-a]pyridin-4-ium bromide

SMILES CC1=C(P(C2=CC=CC=C2)(C3=CC=CC=C3)=S)[N+]4=CC=CC=C4N1C/C([H])=C([H])/C5=CC=CC=C5.[Br-]

Formula $C_{29}H_{26}N_2PS.Br$ M.Wt 545.47

Solubility <54.55mg/ml in DMSO; <27.27mg/ml in ethanol 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

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

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