

Product Data Sheet

Product Name: Yhhu 3792

Cat. No.: GC50703

Chemical Properties

Cas. No. 2097826-24-7

SMILES COC1=CC=CC(OC2=CC=CC3=C2C(N)=NC(NC4=CC=C(C(C)C)C=C4)=N3)=C1.Cl

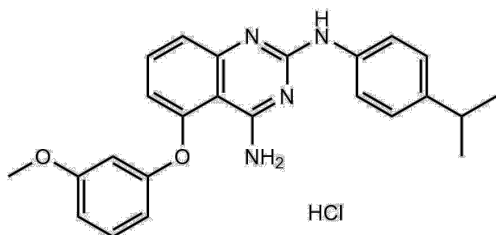
Formula $C_{24}H_{24}N_4O_2$ M.Wt 400.47

Solubility DMSO|43.69|100| Storage Store at 2-8°C, protect from light

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

Notch signaling pathway activator; enhances the self-renewal capability of neural stem cells (NSCs) via Notch signaling pathway activation in vitro and in vivo. Promotes the expression of Notch target genes, Hes3 and Hes5. Expands the NSCs pool and promotes endogenous neurogenesis in the hippocampal dentate gyrus (DG) after chronic administration in mice. Increases the spatial and episodic memory in mice.

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

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