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**Product Data Sheet**

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Product Name: MSC 2032964A

Cat. No.: GC50223

**Chemical Properties**

Cas. No. 1124381-43-6

SMILES O=C(C1=CC=CN=C1)NC2=NN3C(C=C(C(F)(F)F)C=C3NC4CC4)=N2Formula  $C_{16}H_{13}F_3N_6O$  M.Wt 362.31

Solubility Soluble in DMSO 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**

Potent and selective ASK1 inhibitor (IC<sub>50</sub> = 93 nM). Selective for ASK1 over a panel of 210 kinases. Blocks LPS-induced ASK1 and p38 phosphorylation in cultured mouse astrocytes. Suppresses neuroinflammation in a mouse EAE model. Orally bioavailable and brain penetrant.

Guo et al (2010) Regulation of the severity of neuroinflammation and demyelination by TLR-ASK1-p38 pathway. EMBO Mol.Med. 2 504 PMID:21064192

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA