
Product Data Sheet

Product Name: SAH-SOS1A

Cat. No.: GC50609

Chemical Properties

Cas. No. 1652561-87-9

Formula $C_{100}H_{159}N_{27}O_{28}$

M.Wt

2187.53

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**

KRas/son of sevenless 1 (SOS1) interaction inhibitor. Binds within nucleotide binding pocket of KRas (Kd values are 106 - 176 nM for wild type KRas and various KRas mutants). Inhibits nucleotide binding to KRas in a concentration dependent manner. Displays cytotoxicity in KRas-driven cancer cell lines and inhibits downstream ERK-MAPK signaling. Cell permeable.

Leshchiner et al (2015) Direct inhibition of oncogenic KRAS by hydrocarbon-stapled SOS1 helices. Proc.Natl.Acad.Sci.USA. 112 1761 PMID:25624485

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

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