

Product Data Sheet

Product Name: RAS activator compound 1

Cat. No.: GC81434

Chemical Properties

Cas. No. 1579978-17-8

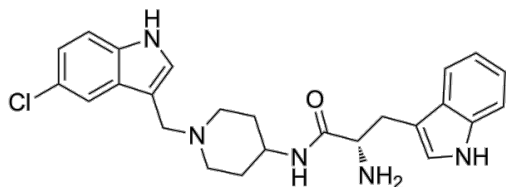
Formula $C_{25}H_{28}ClN_5O$ M.Wt 449.98

Solubility DMSO: 100 mg/mL (222.23 mM; Storage Store at -20°C
Need ultrasonic)

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

RAS activator compound 1 (Compound 7c) is a RAS activator targeting the guanine nucleotide exchange factor (GEF) son of sevenless homologue 1 (SOS1). RAS activator compound 1 can

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

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activate the nucleotide exchange process and increase levels of active RAS-GTP in HeLa cells. RAS activator compound 1 can be used for research of RAS-driven tumor [1].

References:

[1]. Abbott JR, et al. Discovery of Aminopiperidine Indoles That Activate the Guanine Nucleotide Exchange Factor SOS1 and Modulate RAS Signaling. J Med Chem. 2018 Jul 26;61(14):6002-6017.

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