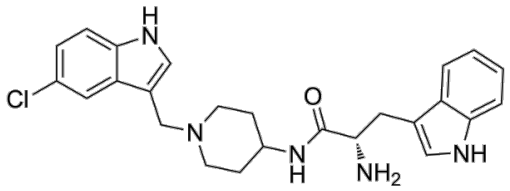
Product Data Sheet

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; Need ultrasonic)	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

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

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.

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