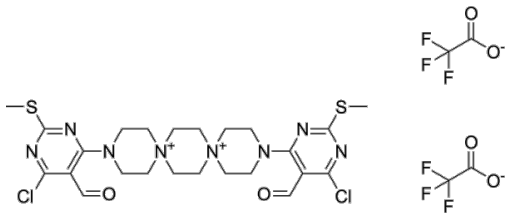
Product Data Sheet

Product Name: Adhesamine diTFA
Cat. No.: GC72932

Chemical Properties

Cas. No.	1201698-09-0		
Formula	$C_{28}H_{32}Cl_2F_6N_8O_6S_2$	M.Wt	825.63
Solubility	DMSO : 2.2 mg/mL (2.66 mM; Need ultrasonic)	Storage	4°C, sealed storage, away from moisture and 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

Adhesamine diTFA is a dumbbell-shaped molecule that activates the MAPK/FAK pathway. Adhesamine promotes the adhesion and growth of mammalian cells, accelerates the differentiation of primary cultured mouse hippocampal neurons, and enhances their survival rate.

References:
[1]. Hoshino M, et al. Adhesamine, a new synthetic molecule, accelerates differentiation and prolongs survival of primary cultured mouse hippocampal neurons. Biochem J. 2010 Mar 29;427(2):297-304.

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