

Product Data Sheet

Product Name: Adhesamine diTFA

Cat. No.: GC72932

Chemical Properties

Cas. No. 1201698-09-0

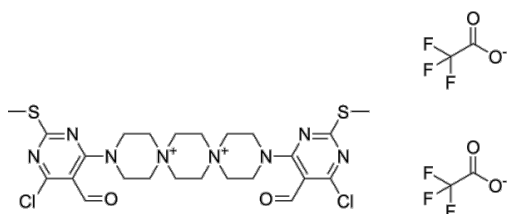
Formula $C_{28}H_{32}Cl_2F_6N_8O_6S_2$ M.Wt 825.63

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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