

Spautin-1

Cat. # F2125-5, F2125-25

Also Known as:

Formula: $C_{15}H_{11}F_2N_3$

MW: 271.26 g/mol

CAS No.: 1262888-28-7

Source: Synthetic

Form: Powder

Solubility: Soluble in DMSO up to 20 mg/mL. To achieve better solubility, warm the solution at 37 °C and sonicate in an ultrasonic water bath.

Preparation of Stocks in DMSO: 5 mg/mL = 18.4 mM

Quality Assurance: >98% purity assayed by NMR.

Description: Spautin-1 is a selective inhibitor of deubiquitinating enzymes USP10 and USP13, it promotes degradation of the VPS34/PI3K complex to inhibit autophagy.

Storage: Eligible for room temperature shipping. Store at -20°C upon receiving. Avoid multiple freeze-thaw cycles after dissolving in DMSO.

Literature: 1. Liu J., et al. 2011, Cell. 147, 223.