

Product Data Sheet

Product Name: SJF620 hydrochloride

Cat. No.: GC62614

Chemical Properties

Cas. No.

Formula $C_{41}H_{45}ClN_8O_7$

M.Wt 797.3

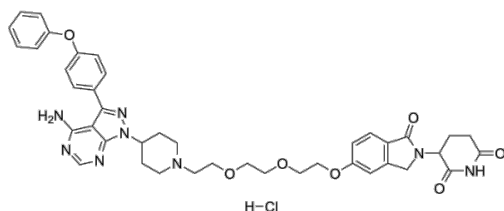
Solubility

Storage Store at -20°C, protect from light, stored under nitrogen

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

SJF620 hydrochloride is a potent PROTAC BTK degrader with a DC50 of 7.9 nM. SJF620 contains a Lenalidomide analog for recruiting CRBN[1].

SJF620 hydrochloride is a PROTAC that retains potent degradation of BTK in cellular assays with a DC50 of 7.9 nM in Burkitt lymphoma cell line NAMALWA[1].

SJF620 hydrochloride has a super pharmacokinetic profile in mice (1 mg/kg; i.v.) with the half life (t1/2) of 1.64 h. SJF620 exhibits a significantly better pharmacokinetic profile than MT802[1].

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

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[1]. Jaime-Figueroa S, et al. Design, synthesis and biological evaluation of Proteolysis Targeting Chimeras (PROTACs) as a BTK degraders with improved pharmacokinetic properties. 2020 Feb 1;30(3):126877.

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