

Product Data Sheet

Product Name: SRX3207

Cat. No.: GC62456

Chemical Properties

Cas. No. 2254693-15-5

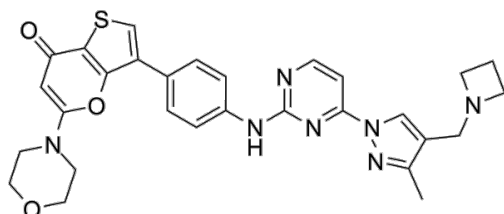
Formula $C_{29}H_{29}N_7O_3S$ M.Wt 555.65

Solubility DMSO : 5 mg/mL (9.00 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



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

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Background

SRX3207 is an orally active and first-in-class dual Syk/PI3K inhibitor, with IC₅₀ values of 10.7 nM and 861 nM for Syk and PI3K α , respectively. SRX3207 relieves tumor immunosuppression[1][2].

SRX3207 (10 μ mol/L) is able to block p-AKT at concentration[1].SRX3207 has sufficient solubility in water (43 μ mol/L)[1].

SRX3207 (10 mg/kg, orally) increases antitumor immune response[1].

[1]. Shweta Joshi, et al. Macrophage Syk-PI3K γ Inhibits Antitumor Immunity: SRX3207, a Novel Dual Syk-PI3K Inhibitory Chemotype Relieves Tumor Immunosuppression. Molecular Cancer Therapeutics. 2020.

[2]. Shweta Joshi, et al. Macrophage Syk-PI3K γ Inhibits Antitumor Immunity: SRX3207, a Novel Dual Syk-PI3K Inhibitory Chemotype Relieves Tumor Immunosuppression. Mol Cancer Ther. 2020 Mar;19(3):755-764.

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