

Dapansutrole

Cat# F3220-5, F3220-25

Formula:	C ₄ H ₇ NO ₂ S
MW:	133.17 g/mol
CAS No.:	54863-37-5
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 = 37.55 mM
Quality Assurance:	>98% purity assayed by NMR.
Description:	Dapansutrole is a selective NLRP3 inhibitor.
Storage:	Eligible for room temperature shipping. Store at -20°C upon receiving. Avoid multiple freeze-thaw cycles after dissolving in DMSO.
Literature:	1. Marchetti C. et al., Proc. Nat. Acad. Sci. USA, 2018, 115, E1530-1539.