

Product Name	: SB-747651A Dihydrochloride
Synonyms	: —
Cat No.	: M37647
CAS Number	: 1781882-72-1
Molecular Formula	: C ₁₆ H ₂₄ Cl ₂ N ₈ O
Formula Weight	: 415.32
Chemical Name	: —
Description	SB-747651A dihydrochloride is an ATP-competitive mitogen- and stress-activated kinase 1 (MSK1) inhibitor with an IC ₅₀ of 11 nM. SB-747651A dihydrochloride also inhibits PRK2, RSK1, p70S6K and ROCK-II. SB-747651A dihydrochloride can be used for inflammation research.
Pathway	: Cell Cycle/DNA Damage
Target	: ROCK
Receptor	: ROCK
Solubility	: In Vitro: ?H ₂ O : 50 mg/mL (120.39 mM; Ultrasonic)
SMILES	: Cl.Cl.CCn1c(nc2cncc(CNC3CCNCC3)c12)-c1nonc1N
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Shaista Naqvi, et al. Characterization of the cellular action of the MSK inhibitor SB-747651A. Biochem J. 2012 Jan 1;441(1):347-57.?