

Product Name : E6446 dihydrochloride

Synonyms : —

Cat No. : M17250

CAS Number : 1345675-25-3

Molecular Formula : C₂₇H₃₇Cl₂N₃O₃

Formula Weight : 522.51

Chemical Name : —

Description : E6446 dihydrochloride is a novel synthetic antagonist for nucleic acid-sensing TLRs; potently suppressed DNA stimulation of HEK:TLR9 cells with IC₅₀ of 10 nM.

Pathway : MAPK/ERK Signaling

Target : p38 MAPK

Receptor : TLR

Solubility : —

SMILES : c1(c2ccc(OCCCN3CCCC3)cc2)nc2ccc(OCCCN3CCCC3)cc2.O1.Cl.Cl

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Lamphier M, et al. Novel small molecule inhibitors of TLR7 and TLR9: mechanism of action and efficacy in vivo. Mol Pharmacol. 2014 Mar;85(3):429-40.

