LDN193189 Hydrochloride
Catalog Number :1066208

Product Information

Synonyms: LDN-193189 hydrochloride, LDN193189 HCl
Chemical Name: 4-[6-(4-piperazin-1-ylphenyl)pyrazolo[1,5-a]pyrimidin-3-yl]quinoline;hydrochloride
Molecular Formula: C_{25}H_{22}N_{6}HCl
Molecular Weight: 443.0
CAS Number: 1062368-62-0
Purity: ≥98%
Applications: FA
Formulation: Crystalline solid
Storage: Product should be kept at -20°C.

Description

LDN193189 is a dorsomorphin derivative and potent BMP pathway inhibitor. It is reported to inhibit bone morphogenetic protein (BMP) type I receptors ALK1, ALK2, ALK3, and ALK6. LDN193189 is useful for the promotion of specific cell differentiation and the study of ectopic ossification. The salt-based form of LDN193189 has higher solubility in DMSO than LDN193189 (cat# 1062443).

Preparation & Storage

Soluble in organic solvents such as dimethyl formamide or DMSO. DMSO up to 2mg/ml.

References