Pluripotin
Catalogue Number: 8393780

Product Information
- **Synonyms:** SC-1, SC1
- **Chemical Name:** N-(3-(7-(1,3-dimethyl-1H-pyrazol-5-ylamino)-1-methyl-2-oxo-1,2-dihydropyrimido[4,5-d]pyrimidin-3(4H)-yl)-4-methylphenyl)-3-(trifluoromethyl)benzamide
- **Molecular Formula:** C_{27}H_{25}F_{3}N_{8}O_{2}
- **Molecular Weight:** 550.5
- **CAS Number:** 839707-37-8
- **Purity:** ≥98%
- **Applications:** FA
- **Formulation:** Crystalline solid
- **Storage:** Product should be kept at -20°C.

Description
Pluripotin is an inhibitor of both RasGAP and ERK1. The inhibition of RasGAP is used to promote self-renewal and the inhibition of ERK1 blocks cell differentiation. Pluripotin can be combined with leukemia inhibitory factor (LIF) to promote the derivation of embryonic cell lines from refractory strains.

Preparation & Storage
Soluble in organic solvents such as DMF or DMSO. DMSO up to 45mM.

References