

Hello Bio, Inc.
304 Wall St., Princeton, NJ 08540 USA

T. 609-683-7500
F. 609-228-4994

customer-care-usa@m2stage.hellobio.com



DATASHEET

Pluripotin

Product overview

Name	Pluripotin
Cat No	HB2223
Alternative names	SC-1
Biological action	Inhibitor
Purity	>98%
Description	Dual ERK1/RasGAP inhibitor. Maintains ESC self-renewal.

Solubility & Handling

Storage instructions	-20 °C
Solubility overview	Soluble in DMSO (25mM)
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

Chemical Data

Chemical name	<i>N</i> -[3-[7-[(1,3-Dimethyl-1 <i>H</i> -pyrazol-5-yl)amino]-1,4-dihydro-1-methyl-2-oxopyrimido[4,5- <i>d</i>]pyrimidin-3(2 <i>H</i>)-yl]-4-methylphenyl]-3-(trifluoromethyl)benzamide
Molecular Weight	550.54
Chemical structure	The chemical structure of Pluripotin (SC-1) is shown, featuring a complex polycyclic system with a pyrazole ring, a pyrimidine ring, and a benzamide group, substituted with methyl and trifluoromethyl groups.
Molecular Formula	C ₂₇ H ₂₅ F ₃ N ₈ O ₂
CAS Number	839707-37-8
PubChem identifier	12003241
SMILES	<chem>CN2C1=NC(NC4=CC(C)=NN4C)=NC=C1CN(C3=CC(NC(C5=CC(C(F)(F)F)=CC=C5)=O)=CC=C3C)C2=O</chem>
InChiKey	NBZFRTJWEIHFPF-UHFFFAOYSA-N