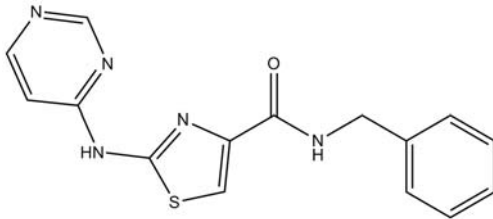


Instruction Manual

Catalog Number	PK-CA577-1681-1
Description	Cell-permeable. Helps in promoting human embryonic stem cell (hESC) survival by > 30-fold. In combination with ALK5 inhibitor SB-431542 (please inquire) and MEK inhibitor PD-0325901 (Cat. No. PK-CA577-1643-2), Thiazovivin promotes the transformation of fibroblasts into stem cells with a 200-fold efficiency.
Quantity	1 mg
Sequence / Molecular Weight / Molecular Formula	311.36 Da; C ₁₅ H ₁₃ N ₅ OS
Chemical Structure	
Purity	≥98% as determined by HPLC
Appearance / Formulation / Solubility	Off-white solid; soluble in DMSO (100 mM).
Storage & Stability	Store at -20°C. Protect from air and light.
Applications	see Description
References	Xu, Y., et al. (2010). Proc. Natl. Acad. Sci. USA, April 20. Lin, T., et al. (2009). Nat. Methods 6, 805-808.
Caution	Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

FOR IN VITRO RESEARCH USE ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC PROCEDURES.