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DATASHEET

ITD 1

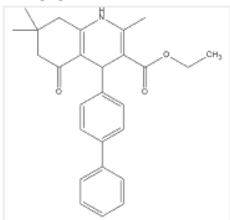
Product overview

Name	ITD 1
Cat No	HB3446
Biological action	Inhibitor
Purity	>98%
Description	Selective TGF- β signaling inhibitor. Induces cardiomyocyte differentiation in ESCs.

Solubility & Handling

Storage instructions	+4 °C
Solubility overview	Soluble in DMSO (20mM) or ethanol (10mM, gentle warming)
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	4-[1,1'-Biphenyl]-4-yl-1,4,5,6,7,8-h exahydro-2,7,7-trimethyl-5-oxo-3-quinolinecarboxyl ic acid ethyl ester
Molecular Weight	415.52
Chemical structure	
Molecular Formula	C ₂₇ H ₂₉ NO ₃
CAS Number	1099644-42-4
PubChem identifier	44135961
SMILES	CC(C3)(C)CC(C1=C3NC(C)=C(C(OCC)=O)C1C2=CC=C(C4=CC=CC=C4)C=C2)=O
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