



Product Information

MELK inhibitor JNJ-47117096 hydrochloride, Purity ≥98%

Cat. No.: X24-05-ZQ299

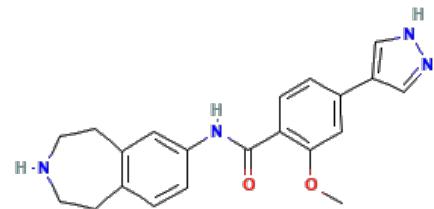
Size: 5 mg; 10 mg; 50 mg; 100 mg

CAS Number: 1610536-69-0

Compound CID: 132472238

Synonym: 1610536-69-0; MELK-T1 hydrochloride; JNJ47117096; JNJ 47117096;

MELK inhibitor



This product is for research use only and is not intended for diagnostic use.

Cl - H

Product Information

Description	JNJ-47117096 hydrochloride targets a kinase involved in cell cycle regulation and proliferation, offering therapeutic potential in cancer treatment by halting tumor growth.
Molecular Weight	398.89
Molecular Formula	C ₂₁ H ₂₃ C ₄ O ₂
IUPAC Name	2-Methoxy-4-(1H-pyrazol-4-yl)-N-(2,3,4,5-tetrahydro-1H-3-benzazepin-7-yl)benzamide;hydrochloride
InChI	InChI=1S/C21H22N4O2.ClH/c1-27-20-11-15(17-12-23-24-13-17)3-5-19(20)21(26)25-18-4-2-14-6-8-22-9-7-16(14)10-18;/h2-5,10-13,22H,6-9H2,1H3,(H,23,24)(H,25,26);1H
InChI Key	OXRWZUUCUDKJJ-UHFFFAOYSA-N
Canonical SMILES	COC1=C(C=CC(=C1)C2=CNN=C2)C(=O)NC3=CC4=C(CCNCC4)C=C3.Cl
Form	Lyophilized powder
Purity	≥98%
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	JNJ-47117096 hydrochloride is used to explore its inhibition of melatonin receptor 1 (MT1) and potential effects on sleep and mood disorders.
Storage	Store at -20°C.