



## Product Information

### MELK inhibitor JNJ-47117096 hydrochloride, Purity ≥98%

**Cat. No.:** X24-05-ZQ299

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

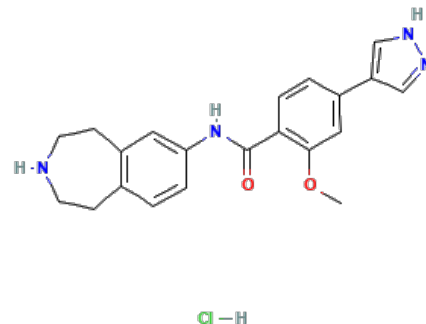
**CAS Number:** 1610536-69-0

**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.**



#### Product Information

<b>Description</b>	JNJ-47117096 hydrochloride targets a kinase involved in cell cycle regulation and proliferation, offering therapeutic potential in cancer treatment by halting tumor growth.
<b>Molecular Weight</b>	398.89
<b>Molecular Formula</b>	C <sub>21</sub> H <sub>23</sub> C <sub>4</sub> O <sub>2</sub>
<b>IUPAC Name</b>	2-Methoxy-4-(1H-pyrazol-4-yl)-N-(2,3,4,5-tetrahydro-1H-3-benzazepin-7-yl)benzamide;hydrochloride
<b>InChI</b>	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
<b>InChI Key</b>	OXRWZUUCUDKJJ-UHFFFAOYSA-N
<b>Canonical SMILES</b>	COC1=C(C=CC(=C1)C2=CCN=C2)C(=O)NC3=CC4=C(CCNCC4)C=C3.Cl
<b>Form</b>	Lyophilized powder
<b>Purity</b>	≥98%
<b>Identity</b>	Confirmed by NMR/HPLC/MS.
<b>Stability</b>	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
<b>Applications</b>	JNJ-47117096 hydrochloride is used to explore its inhibition of melatonin receptor 1 (MT1) and potential effects on sleep and mood disorders.
<b>Storage</b>	Store at -20°C.