

## Product Information

### SRPK1 inhibitor, SRPIN340, Purity ≥98%

**Cat. No.:** X24-09-YM802

**Size:** 5 mg; 10 mg; 25 mg; 50 mg

**MDL:** MFCD00116244

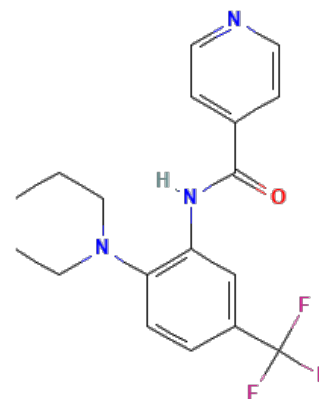
**CAS Number:** 218156-96-8

**Compound CID:** 2797577

**Synonym:** 218156-96-8; SRPIN 340; SRPIN-340; *N*

-[2-Piperidin-1-yl-5-(trifluoromethyl)phenyl]pyridine-4-carboxamide; SRPK1 inhibitor

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



### Product Information

<b>Description</b>	SRPIN340, soluble in DMSO and ethanol and insoluble in water, is a cell-permeable isonicotinamide. The molecular weight of the compound is 349.4, and its molecular formula is C <sub>18</sub> H <sub>18</sub> F <sub>3</sub> N <sub>3</sub> O. It targets the SRPK1.
<b>Molecular Weight</b>	349.4
<b>Molecular Formula</b>	C <sub>18</sub> H <sub>18</sub> F <sub>3</sub> N <sub>3</sub> O
<b>Targets</b>	SRPK1
<b>IUPAC Name</b>	<i>N</i> -[2-(Piperidin-1-yl-5-(trifluoromethyl)phenyl]pyridine-4-carboxamide
<b>InChI</b>	InChI=1S/C18H18F3N3O/c19-18(20,21)14-4-5-16(24-10-2-1-3-11-24)15(12-14)23-17(25)13-6-8-22-9-7-13/h4-9,12H,1-3,10-11H2,(H,23,25)
<b>InChI Key</b>	DWFGGOFPIISJIT-UHFFFAOYSA-N
<b>Canonical SMILES</b>	C1CCN(CC1)C2=C(C=C(C=C2)C(F)(F)F)NC(=O)C3=CC=NC=C3
<b>Form</b>	Lyophilized powder
<b>Purity</b>	≥98%
<b>Impurities</b>	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects.
<b>Solubility</b>	<i>In vitro</i> : DMSO: 67 mg/mL (191.78 mM); Water: insoluble; Ethanol: 67 mg/mL (191.78 mM); <i>In vivo</i> : 1% DMSO + 30% polyethylene glycol + 1% Tween 80, 7 mg/mL
<b>Identity</b>	Confirmed by NMR/HPLC/MS.
<b>Stability</b>	In its lyophilized form, the chemical remains stable for 36 months.
<b>Quality Level</b>	Research grade
<b>Applications</b>	SRPIN340 plays a key role in inhibiting tumor growth and metastasis by disrupting signaling



pathways that promote cancer cell survival and proliferation.

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**Storage**

Store at -20°C, and keep desiccated.

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