

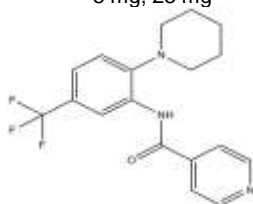
PRODUCT: SRPIN340

ALTERNATE NAME: N-[2-(1-piperidinyl)-5-(trifluoromethyl)phenyl]isonicotinamide; SRPK Inhibitor

CATALOG #: 2458-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:

MOLECULAR FORMULA: C₁₈H₁₈F₃N₃O

MOLECULAR WEIGHT: 349.35

CAS#: 218156-96-8

APPEARANCE: Light yellow solid

SOLUBILITY: DMSO (~100 mg/ml)

PURITY: >98% by HPLC

STORAGE: Store at -20° C. Protect from air and light

DESCRIPTION: An ATP-competitive, serine/arginine-rich protein kinase (SRPK)-specific inhibitor ($K_i = 0.89 \mu\text{M}$ for SRPK1). SRPIN 340 does not inhibit other classes of Serine-Arginine-Rich Protein Kinases (SRPKs) significantly, including Clk1 and Clk4 and >140 other SR kinases. SRPIN340 also suppresses VEGF expression and attenuates choroidal neovascularization (CNV).

REFERENCES: Dong Z., *et al.* (2013). *Mol Vis.* **19**, 536-543.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

Bisindolylmaleimide I (Cat. No. 1945-1, 5)

Bisindolylmaleimide I hydrochloride (Cat. No. 1947-1, 5)

Chelerythrine chloride (Cat. No. 2064-5)

Enzastaurin (Cat. No. 1619-1, 5)

Fasudil Mono HCl (Cat. No. 1787-10, 50)

Go6976 (Cat. No. 1711-500)

EZSolution™ Go6976 (Cat. No. 1785-500)

H-89 DiHCl (Cat. No. 1768-1, 5)

K252a (Cat. No. 2013-500, 1000)

KN-93, Water-Soluble (Cat. No. 1909-1, 5)

LY333531 hydrochloride (Cat. No. 2156-250, 1000)

PKC412 (Cat. No. 2052-1,5)

Ro 31-8220 methanesulfonate (Cat. No. 1946-1, 5)

Staurosporine (Cat. No. 1048-01, 1)

EZSolution™ Staurosporine (Cat. No. 1745-01)

Stauprimide (Cat. No. 1743-500)

Tamoxifen citrate (Cat. No. 1551-1000)

FOR RESEARCH USE ONLY! Not to be used in humans.