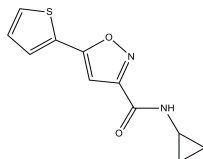


PRODUCT: ISX9**ALTERNATE NAME:** N-cyclopropyl-5-(2-thienyl)-3-isoxazolecarboxamide**CATALOG #:** 2563-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₁H₁₀N₂O₂S**MOLECULAR WEIGHT:** 234.28**CAS No.** 832115-62-5**APPEARANCE:** Beige solid**SOLUBILITY:** DMSO (~60 mg/ml) or EtOH (~ 15 mg/ml)**PURITY:** ≥98% by TLC**STORAGE:** Store at -20°C. Protect from light and air**DESCRIPTION:** ISX9 promotes neurogenesis in vivo enhancing the proliferation and differentiation of hippocampal subgranular zone neuroblasts and enhances memory. Induces robust neuronal differentiation in adult neural stem cells. Increases insulin production by pancreatic β cells. Blocks malignant astrocyte proliferation, downregulates their astrocyte character, induces reentry into the cell cycle and upregulates neuronal gene expression.**REFERENCES:** Schneider, J.W., *et al.* (2008). *Nat. Chem. Biol.* **4**, 408-410; Petrik, D., *et al.* (2012). *FASEB J.* **26**, 3148-3162.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

Aurintricarboxylic Acid (**Cat. No. 1506-1000**)
BODIPY-Cyclopamine (Cat. No. 2160-50, 250)
Cyclopamine (**Cat. No. 1578-5**)
Cyclopamine-KAAD (**Cat. No. 1910-50**)
GANT58 (**Cat. No. 1812-5, 25**)
GANT61 (**Cat. No. 1892-5**)
GDC-0449 (**Cat. No. 1890-5, 25**)
Hh Signaling Pathway Antagonist (**Cat. No. 1659-1**)
DiscoveryPak™ hedgehog Signaling Pathway Antagonists Set (**Cat. No. K868-6**)
(-)-Indolactam (**Cat. No. 2197-250, 1000**)
Itraconazole (**Cat. No. 1987-50, 100, 500, 1000**)
JK-184 (**Cat. No. 1726-1**)
Phorbol-12-myristate-13-acetate (PMA) (**Cat. No. 1544-5**)
Prostaglandin E2 (**Cat. No. 2268-5, 25**)
Purmorphamine (**Cat. No. 1672-5**)
Robotnikinin (**Cat. No. 1923-1**)
SANT-1 (**Cat. No. 1978-1,5**)
SANT-2 (**Cat. No. 1976-1, 5**)
Smo Antagonist, SA1 (**Cat. No. 2154**)
Smo Antagonist, SA9 (**Cat. No. 2155**)
Smo Antagonist, SA10 (**Cat. No. 2159**)
Sonic Hedgehog, human recombinant (**Cat. No. 4010-25, 100, 1000**)
Sonic Hedgehog, murine recombinant (**Cat. No. 4020-25, 100, 1000**)
Tomatidine hydrochloride (**Cat. No. 1893-25**)

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