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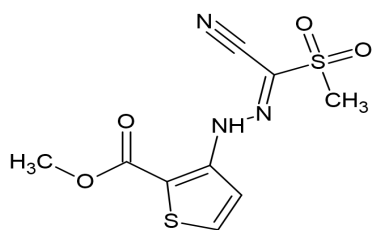
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HIF-2a Translation Inhibitor

ALTERNATE NAME: methyl 3-[(2E)-2-[cyano(methylsulfonyl)methylidene]hydrazinyl]thiophene-2-carboxylate

CATALOG #: AUR10007

STRUCTURE:



MOLECULAR FORMULA: C₉H₉N₃O₄S₂

MOLECULAR WEIGHT: 287.3

CAS#: 882268-69-1

APPEARANCE: Yellow solid

SOLUBILITY: DMSO

PURITY: >95% by LCMS

STORAGE: Store at +2°C to +8°C; Protect from air and light

DESCRIPTION: A cell-permeable thienylhydrazone analog that suppresses the translation of cellular HIF-2α message by enhancing the binding of IRP1 (Iron-Regulatory Protein 1) to the IRE (Iron-Responsive Element) region at the 5' UTR of the HIF-2α mRNA, exhibiting otherwise no effects toward the transcription of HIF-2α mRNA or the stability of HIF-2α mRNA and protein.

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