

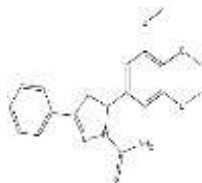
SSE-15206

ALTERNATE NAME: 4,5-Dihydro-3-phenyl-5-(3,4,5-trimethoxyphenyl)-1H-pyrazole-1-carbothioamide
SSE15206

CATALOG #: B2342-5
B2342-25

AMOUNT: 5 mg
25 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₉H₂₁N₃O₃S

MOLECULAR WEIGHT: 371.46

CAS NUMBER: 1370046-40-4

APPEARANCE: Crystalline solid

PURITY: ≥98% by HPLC

SOLUBILITY: DMSO

STORAGE: -20°C

DESCRIPTION: SSE-15206 is a pyrazolinethioamide derivative that has potent antiproliferative activities in cancer cell lines of different origins and overcomes resistance to microtubule-targeting agents. Treatment of cells with SSE-15206 causes aberrant mitosis resulting in G2/M arrest due to incomplete spindle formation, a phenotype often associated with drugs that interfere with microtubule dynamics. SSE15206 inhibits microtubule polymerization both in biochemical and cellular assays by binding to colchicine site in tubulin as shown by docking and competition studies.

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

RELATED PRODUCTS:

Epothilone D (9559)
Cytochalasin D (B1176)
Epothilone B (2012)
Colchicine (1519)
Nocodazole (2185)
Vincristine Sulfate (B2048)
Paclitaxel (1567)
Vinblastine Sulfate (1959)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*