



Product Information

Microtubule/Tubulin inhibitor, SSE15206, Purity $\geq 98\%$

Cat. No.: X24-08-YM247

Size: 5 mg; 10 mg; 50 mg; 100 mg

MDL: MFCD31746881

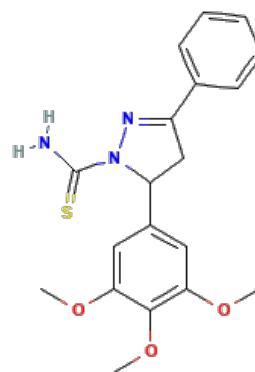
CAS Number: 1370046-40-4

Compound CID: 56944939

Synonym: 1370046-40-4; SSE-15206; SSE 15206;

5-Phenyl-3-(3,4,5-trimethoxyphenyl)-3,4-dihydropyrazole-2-carbothioamide

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



Product Information

Description	SSE15206, soluble in DMSO and insoluble in water and ethanol, is an effective cytoskeleton inhibitor, that has the ability to prevent the pathway of cytoskeletal signaling by inhibiting microtubule/tubulin.
Molecular Weight	371.45
Molecular Formula	C ₁₉ H ₂₁ N ₃ O ₃ S
IUPAC Name	5-Phenyl-3-(3,4,5-trimethoxyphenyl)-3,4-dihydropyrazole-2-carbothioamide
InChI	InChI=1S/C19H21N3O3S/c1-23-16-9-13(10-17(24-2)18(16)25-3)15-11-14(21-22(15)19(20)26)12-7-5-4-6-8-12/h4-10,15H,11H2,1-3H3,(H2,20,26)
InChI Key	GONIBFCARADPAC-UHFFFAOYSA-N
Canonical SMILES	COC1=CC(=CC(=C1OC)OC)C2CC(=NN2C(=S)N)C3=CC=CC=C3
Form	Lyophilized powder
Purity	$\geq 98\%$
Titer	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects
Solubility	<i>In vitro</i> : DMSO: 63 mg/mL (169.6 mM); Water: insoluble; Ethanol: insoluble
Stability	In its lyophilized form, the chemical remains stable for 36 months.
Quality Level	Research grade
Applications	SSE15206 is a cytoskeletal signaling inhibitor that can be used for its effects on cell proliferation and cancer therapy.
Storage	Store at -20°C, and keep desiccated.