

## Product Information

### FPH2, Purity ≥98%

**Cat. No.:** X24-09-YM1284

**Size:** 10 mg; 25 mg; 50 mg; 100 mg

**MDL:** MFCD04137604

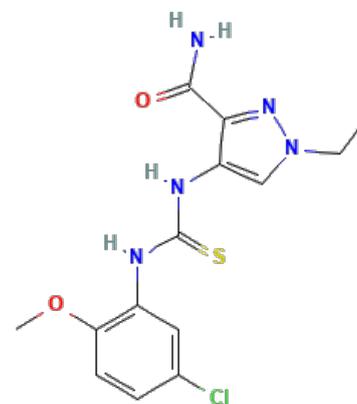
**CAS Number:** 957485-64-2

**Compound CID:** 2208391

**Synonym:** 957485-64-2; BRD-9424; BRD9424; BRD 9424;

4-[(5-Chloro-2-methoxyphenyl)carbamothioylamino]-1-ethylpyrazole-3-carboxamide

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



### Product Information

<b>Description</b>	FPH2, soluble in DMSO and insoluble in water and ethanol, is a small molecule, which promotes differentiation of iPS-derived hepatocytes. The molecular weight of the compound is 353.83, and its molecular formula is C <sub>14</sub> H <sub>16</sub> ClN <sub>5</sub> O <sub>2</sub> S.
<b>Molecular Weight</b>	353.83
<b>Molecular Formula</b>	C <sub>14</sub> H <sub>16</sub> ClN <sub>5</sub> O <sub>2</sub> S
<b>IUPAC Name</b>	4-[(5-Chloro-2-methoxyphenyl)carbamothioylamino]-1-ethylpyrazole-3-carboxamide
<b>InChI</b>	InChI=1S/C14H16ClN5O2S/c1-3-20-7-10(12(19-20)13(16)21)18-14(23)17-9-6-8(15)4-5-11(9)22-2/h4-7H,3H2,1-2H3,(H2,16,21)(H2,17,18,23)
<b>InChI Key</b>	PCHRYHSDDPPZBV-UHFFFAOYSA-N
<b>Canonical SMILES</b>	CCN1C=C(C(=N1)C(=O)N)NC(=S)NC2=C(C=CC(=C2)Cl)OC
<b>Form</b>	Lyophilized powder
<b>Purity</b>	≥98%
<b>Impurities</b>	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects.
<b>Solubility</b>	<i>In vitro</i> : DMSO: 62 mg/mL (175.22 mM); Water: insoluble; Ethanol: insoluble
<b>Identity</b>	Confirmed by NMR/HPLC/MS.
<b>Stability</b>	In its lyophilized form, the chemical remains stable for 36 months.
<b>Quality Level</b>	Research grade
<b>Applications</b>	FPH2 can be studied extensively for its potential therapeutic applications in the treatment of anxiety, depression, and other neuropsychiatric disorders.
<b>Storage</b>	Store at -20°C, and keep desiccated.

