

## Product Information

### AhR inhibitor, BAY 2416964, Purity ≥98%

**Cat. No.:** X24-09-YM460

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

**MDL:** MFCD32693912

**CAS Number:** 2242464-44-2

**Compound CID:** 135303769

**Synonym:** 2242464-44-2; BAY 2416964; BAY2416964;

(S)-6-(4-Chlorophenyl)-N

-(1-hydroxypropan-2-yl)-2-(1-methyl-1H-pyrazol-4-yl)-3-oxo

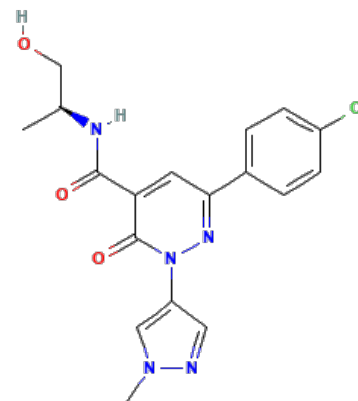
-2,3-dihydropyridazine-4-carboxamide;

6-(4-Chlorophenyl)-N-[(2S

)-1-hydroxypropan-2-yl]-2-(1-methylpyrazol-4-yl)-3-oxopyridazine-4-carboxamide; AhR

inhibitor

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



### Product Information

<b>Description</b>	BAY 2416964 is an effective metabolism inhibitor, that has the ability to prevent the pathway of cell metabolism by inhibiting AhR. The molecular weight of the compound is 387.82, and its molecular formula is C <sub>18</sub> H <sub>18</sub> ClN <sub>5</sub> O <sub>3</sub> .
<b>Molecular Weight</b>	387.82
<b>Molecular Formula</b>	C <sub>18</sub> H <sub>18</sub> ClN <sub>5</sub> O <sub>3</sub>
<b>IUPAC Name</b>	6-(4-Chlorophenyl)-N-[(2S)-1-hydroxypropan-2-yl]-2-(1-methylpyrazol-4-yl)-3-oxopyridazine-4-carboxamide
<b>InChI</b>	InChI=1S/C18H18ClN5O3/c1-11(10-25)21-17(26)15-7-16(12-3-5-13(19)6-4-12)22-24(18(15)27)14-8-20-23(2)9-14/h3-9,11,25H,10H2,1-2H3,(H,21,26)/t11-/m0/s1
<b>InChI Key</b>	YAGSZKAJPHGVOV-NSHDSACASA-N
<b>Canonical SMILES</b>	CC(CO)NC(=O)C1=CC(=NN(C1=O)C2=CN(N=C2)C)C3=CC=C(C=C3)Cl
<b>Form</b>	Lyophilized powder
<b>Purity</b>	≥98%
<b>Impurities</b>	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects.
<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>	BAY 2416964 can be studied extensively for its potential therapeutic applications in the treatment of autoimmune diseases, as it can modulate T-cell activation and proliferation.
<b>Storage</b>	Store at -20°C, and keep desiccated.

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