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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

PRODUCT INFORMATION

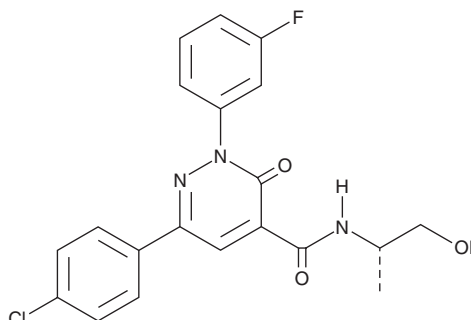


BAY-218

Item No. 37583

CAS Registry No.: 2162982-11-6
Formal Name: 6-(4-chlorophenyl)-2-(3-fluorophenyl)-2,3-dihydro-N-[(1S)-2-hydroxy-1-methylethyl]-3-oxo-4-pyridazinecarboxamide

Synonym: BAY-2335218
MF: C₂₀H₁₇ClFN₃O₃
FW: 401.8
Purity: ≥98%
UV/Vis.: λ_{max}: 266 nm
Supplied as: A solid
Storage: -20°C
Stability: ≥4 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

BAY-218 is supplied as a solid. A stock solution may be made by dissolving the BAY-218 in the solvent of choice, which should be purged with an inert gas. BAY-218 is soluble in organic solvents such as ethanol, DMSO, and dimethyl formamide (DMF). The solubility of BAY-218 in ethanol is approximately 1 mg/ml and approximately 30 mg/ml in DMSO and DMF.

Description

BAY-218 is an aryl hydrocarbon receptor antagonist (AhR; IC₅₀ = 39.9 nM).¹ Preincubation with BAY-218 (1 μM) decreases AhR nuclear translocation induced by aflatoxin B₁ (Item No. 11293) in L-02 hepatocytes and TK6 lymphoblasts.² BAY-218 (30 mg/kg), alone and in combination with an anti-PD-L1 antibody, reduces tumor growth in a CT26 colorectal cancer mouse xenograft model.¹

References

- Schmees, N., Gutcher, I., Irlbacher, H., *et al.* 3-Oxo-2,6-diphenyl-2,3-dihydropyridazine-4-carboxamides. *Bayer Pharma*. **WO2017/202816A1** (2017).
- Chen, Y., Lu, Z., Li, B., *et al.* Human CYP1B1 enzyme-mediated, AhR enhanced activation of aflatoxin B1 for its genotoxicity in human cells. *Toxicol. Lett.* **373**, 132-140 (2023).

WARNING

THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA

This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent via email to your institution.

WARRANTY AND LIMITATION OF REMEDY

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CAYMAN CHEMICAL

1180 EAST ELLSWORTH RD
ANN ARBOR, MI 48108 · USA

PHONE: [800] 364-9897
[734] 971-3335

FAX: [734] 971-3640

CUSTSERV@CAYMANCHEM.COM
WWW.CAYMANCHEM.COM