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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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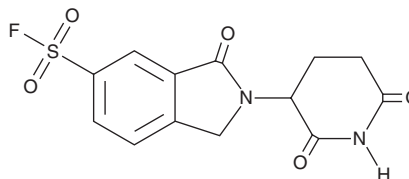
[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

PRODUCT INFORMATION



EM12-SO₂F
Item No. 41446

CAS Registry No.: 2803819-61-4
Formal Name: 2-(2,6-dioxo-3-piperidiny)-2,3-dihydro-3-oxo-1H-isindole-5-sulfonyl fluoride
MF: C₁₃H₁₁FN₂O₅S
FW: 326.3
Purity: ≥95%
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

EM12-SO₂F is supplied as a solid. A stock solution may be made by dissolving the EM12-SO₂F in the solvent of choice, which should be purged with an inert gas. EM12-SO₂F is sparingly soluble (1-10 mg/ml) in DMSO.

Description

EM12-SO₂F is a covalent inhibitor of cereblon (CRBN; IC₅₀ = 0.88 nM).¹ It inhibits the degradation of Ikaros family zinc finger protein 1 (IKZF1) induced by the thalidomide derivative lenalidomide (Item No. 14643) in MOLT-4 lymphoblasts when used at a concentration of 1 μM.

Reference

1. Cruite, J.T., Dann, G.P., Che, J., et al. Cereblon covalent modulation through structure-based design of histidine targeting chemical probes. *RSC Chem. Biol.* **3**(9), 1105-1110 (2022).

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.

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