

Product Datasheet

RMC-4630

Catalog No. **BP-01983** · CAS **2172652-48-9** · Form **free base** · Physical state **solid** · Color **Off-white to yellow** · Version **1.0** · Revision **2026-09-10**

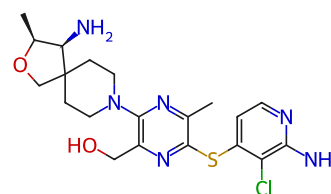
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Target SHP2; Phosphatase	Research area Cancer
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Molecular formula **C₂₀H₂₇ClN₆O₂S**

Molecular weight **450.9850**

STRUCTURE



DESCRIPTION

RMC-4630 is a potent and selective inhibitor of SHP2, a central node in the RAS signaling pathway.

BIOLOGICAL ACTIVITY

In Vivo

Vociprotafib delays and/or reduces tumor regrowth in mice upon cessation of treatment.

Vociprotafib is effective at inhibiting tumor growth in a PDX model that has become resistant to Osimertinib via amplification of c-MET.

SOLUBILITY

Soluble in DMSO 50 mg/mL

REFERENCES

[1]. WO2018013597

[2]. Ou S I, et al. A12 the SHP2 inhibitor RMC-4630 in patients with KRAS-mutant non-small cell lung cancer: preliminary evaluation of a first-in-man phase 1 clinical trial[J]. Journal of Thoracic Oncology, 2020, 15(2): S15-S16.

[3]. Smith J A, et al. SHP2 inhibition as the backbone of targeted therapy combinations for the treatment of cancers driven by oncogenic mutations in the RAS pathway[J]. Cancer Research, 2020, 80(16_Supplement): 1943-1943.

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