

Product Datasheet

Bezuclastinib

Catalog No. **BP-01906** · CAS **1616385-51-3** · Form **free base** · Physical state **solid** · Color **White to off-white** · Version **1.0** · Revision **2026-09-04**

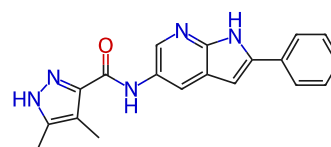
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Target c-Kit	Research area Cancer
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Molecular formula **C₁₉H₁₇N₅O**

Molecular weight **331.3712**

STRUCTURE



DESCRIPTION

Bezuclastinib (CGT9486; PLX 9486) is a potent inhibitor of c-kit and c-kit D816V (0.0001<IC₅₀<1 μM; extracted from patent WO2014100620 A2, compound P-2007). Bezuclastinib is a tyrosine kinase inhibitor.

BIOLOGICAL ACTIVITY

In Vivo

Bezuclastinib (25 mg/kg, p.o., 3 days) shows a brain:plasma ratio of 0.07 in rats.

SOLUBILITY

Soluble in DMSO 80 mg/mL

REFERENCES

- [1]. Guoxian Wu, et al. Preparation of phenylpyrrolopyridinylheteroarylcarboxamide derivatives and analogs for use as c-kit protein kinases or mutant c-kit protein kinases modulators. Patent WO2014100620 A2.
- [2]. WHO Drug Information, Vol. 35, No. 4, 2021. Geneva: World Health Organization; 2022.

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