

Product Information

Product ID P577520

CAS No. 943319-70-8

Chemical Name

Synonym AP-24534, AP 24534, AP24534, Iclusig

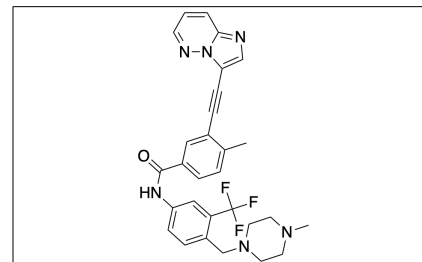
Formula C₂₉H₂₇F₃N₆O

Formula Wt. 532.57

Melting Point

Purity ≥98%

Solubility



Product ID	Size
P577520	5 mg
P577520	25 mg
P577520	100 mg

Store Temp -20°C

Ship Temp Ambient

Description Ponatinib is a pan-Bcr-Abl tyrosine kinase inhibitor. It shows efficacy in the treatment of chronic myeloid leukemia (CML) as a second or third line treatment or against Bcr-Abl mutants. It is also an approved treatment for Philadelphia chromosome-positive acute lymphoblastic leukemia, where it specifically targets the Bcr-Abl mutation T315I.

References O'Hare T., Shakespeare W., et al. AP24534, a pan-BCR-ABL inhibitor for chronic myeloid leukemia, potently inhibits the T315I mutant and overcomes mutation-based resistance. *Cancer Cell*. 16(5):401-12 (2009). PMID: 19878872.

Tan F., Putoczki T., et al. Ponatinib: a novel multi-tyrosine kinase inhibitor against human malignancies. *Onco Targets Ther*. 12:1635-645 (2019). PMID: 30705592.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.