

Product Datasheet

PF-06658607

Catalog No. **BP-02450** · CAS **1621002-24-1** · Form **free base** · Physical state **solid** · Color **White to off-white** · Version **1.0** · Revision **2026-09-11**

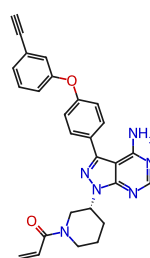
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Target Btk	Research area Cancer
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Molecular formula **C₂₇H₂₄N₆O₂**

Molecular weight **464.5185**

STRUCTURE



DESCRIPTION

PF-06658607 is an alkynylated irreversible Brutons tyrosine kinase (BTK) inhibitor that covalently reacts with active site cysteines in the ATP-binding pocket. PF-06658607 can be used to detect "off "-targets for covalent kinase inhibitors in cancer cells. The alkyne moiety allows for azide-based detection probe via copper-catalyzed click chemistry .

SOLUBILITY

Soluble in DMSO

REFERENCES

[1].Lanning BR, et al. A road map to evaluate the proteome-wide selectivity of covalent kinase inhibitors. Nat Chem Biol. 2014 Sep;10(9):760-767.

Tel: +86 20 31130026 · Fax: +86 20 36822386 · tech@biochemprobe.com · www.biochemprobe.com

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