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**Product Data Sheet**

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Product Name: Ibrutinib-MPEA

Cat. No.: GC38106

**Chemical Properties**

Cas. No. 1710768-30-1

SMILES NCCN1CCN(C/C=C/C(N2C[C@H](N3N=C(C4=CC=C(OC5=CC=CC=C5)C=C4)C6=C(N)N=CN=C63)CCC2)=O)CC1Formula C<sub>32</sub>H<sub>39</sub>N<sub>9</sub>O<sub>2</sub> M.Wt 581.71

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Ibrutinib-MPEA (Compound 20) is ibrutinib derivative. Ibrutinib is a covalent and irreversible inhibitor of Bruton's tyrosine kinase (BTK) that has been used to treat haematological malignancies[1].

[1]. Liu N, et al. Direct and two-step bioorthogonal probes for Bruton's tyrosine kinase based on ibrutinib: a comparative study. *Org Biomol Chem*. 2015 May 14;13(18):5147-57.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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