

Product Datasheet

BI-847325

Catalog No. **BP-01853** · CAS **1207293-36-4** · Form **free base** · Physical state **solid** · Color **light yellow to yellow** · Version **1.0**
· Revision **2026-09-07**

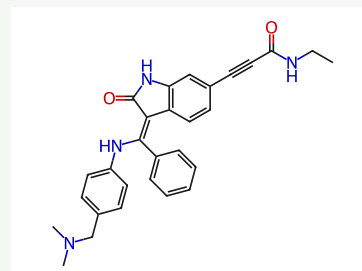
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Target MEK; Aurora Kinase; Apoptosis	Research area Cancer
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Molecular formula **C₂₉H₂₈N₄O₂**

Molecular weight **464.5582**

STRUCTURE



DESCRIPTION

BI-847325 is an ATP competitive dual inhibitor of MEK and aurora kinases (AK) with IC₅₀ values of 4 and 15 nM for human MEK2 and AK-C, respectively. BI-847325 is a click chemistry reagent.

BIOLOGICAL ACTIVITY

BI-847325 is an ATP competitive dual inhibitor of MEK and aurora kinases (AK) with IC₅₀ values of 4 and 15 nM for human MEK2 and AK-C, respectively. BI-847325 is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.

SOLUBILITY

Soluble in DMSO

REFERENCES

[1]. Sini P, et al. Pharmacological Profile of BI 847325, an Orally Bioavailable, ATP-Competitive Inhibitor of MEK and Aurora Kinases. Mol Cancer Ther. 2016 Oct;15(10):2388-2398.

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