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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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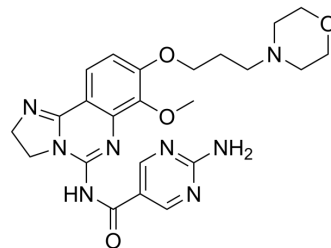
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Copanlisib (Standard)

Cat. No.:	HY-15346R
CAS No.:	1032568-63-0
Molecular Formula:	C ₂₃ H ₂₈ N ₈ O ₄
Molecular Weight:	480.52
Target:	Apoptosis; PI3K
Pathway:	Apoptosis; PI3K/Akt/mTOR
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Copanlisib (Standard) is the analytical standard of Copanlisib. This product is intended for research and analytical applications. Copanlisib (BAY 80-6946) is a potent, selective and ATP-competitive pan-class I PI3K inhibitor, with IC ₅₀ s of 0.5 nM, 0.7 nM, 3.7 nM and 6.4 nM for PI3K α , PI3K δ , PI3K β and PI3K γ , respectively. Copanlisib has more than 2,000-fold selectivity against other lipid and protein kinases, except for mTOR. Copanlisib has superior antitumor activity ^[1] .
IC ₅₀ & Target	IC ₅₀ : 0.5 nM (PI3K α), 0.7 nM (PI3K δ), 3.7 nM (PI3K β), 6.4 nM (PI3K γ), 45 nM (mTOR) ^[1]

REFERENCES

[1]. Liu N, et al. BAY 80-6946 is a highly selective intravenous PI3K inhibitor with potent p110 α and p110 δ activities in tumor cell lines and xenograft models. Mol Cancer Ther. 2013 Nov;12(11):2319-30.

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

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