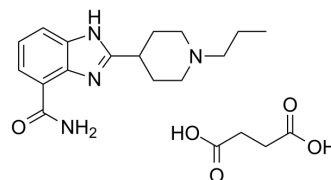


A-620223 succinate

Cat. No.:	HY-10885
CAS No.:	943650-25-7
Molecular Formula:	C ₂₀ H ₂₈ N ₄ O ₅
Molecular Weight:	404.46
Target:	PARP
Pathway:	Cell Cycle/DNA Damage; Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

A-620223 succinate (ABT-472) is an orally available poly(ADP-ribose) polymerase (PARP) inhibitor. A-620223 succinate (ABT-472) exhibits very good potency against the PARP-1 enzyme with a K_i value of 8 nM and an EC_{50} value of 3 nM in whole cell assay, making it useful in cancer research^[1].

REFERENCES

[1]. Penning TD, et al. Discovery and SAR of 2-(1-propylpiperidin-4-yl)-1H-benzimidazole-4-carboxamide: A potent inhibitor of poly(ADP-ribose) polymerase (PARP) for the treatment of cancer. *Bioorg Med Chem*. 2008 Jul 15;16(14):6965-75.

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

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