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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

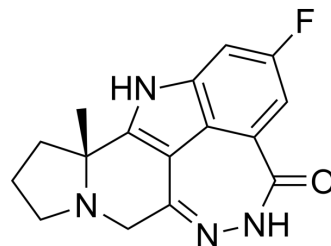
mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Pamiparib (Standard)

Cat. No.:	HY-104044R
CAS No.:	1446261-44-4
Molecular Formula:	C ₁₆ H ₁₅ FN ₄ O
Molecular Weight:	298.31
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	Pamiparib (Standard) is the analytical standard of Pamiparib. This product is intended for research and analytical applications. Pamiparib (BGB-290) is an orally active, potent, highly selective PARP inhibitor, with IC ₅₀ values of 0.9 nM and 0.5 nM for PARP1 and PARP2, respectively. Pamiparib has potent PARP trapping, and capability to penetrate the brain, and can be used for the research of various cancers including the solid tumor ^{[1][2]} .
IC₅₀ & Target	PARP ^[1]

REFERENCES

- [1]. Changyou Zhou, et al. Fused tetra or penta-cyclic dihydrodiazepinocarbazolones as parp inhibitors. WO 2013097225 A1.
- [2]. Friedlander M, et al. Pamiparib in combination with tislelizumab in patients with advanced solid tumours: results from the dose-escalation stage of a multicentre, open-label, phase 1a/b trial. *Lancet Oncol.* 2019 Sep;20(9):1306-1315.
- [3]. Zhiyu Tang, et al. Abstract 1653: BGB-290: A highly potent and specific PARP1/2 inhibitor potentiates anti-tumor activity of chemotherapeutics in patient biopsy derived SCLC models. *Cancer Research.* August 2015, Volume 75, Issue 15.
- [4]. Shiv K. Gupta, et al. Abstract 3505: Inhibition of PARP activity by BGB-290 potentiates efficacy of NSC 362856 in patient derived xenografts of glioblastoma multiforme. *Cancer Research.* August 2015, Volume 75, Issue 15

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA