



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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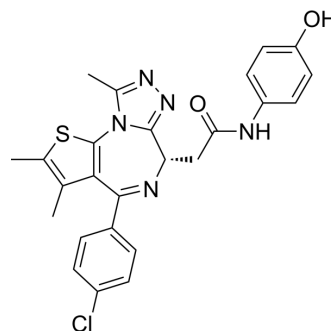
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## Birabresib (Standard)

Cat. No.:	HY-15743R
CAS No.:	202590-98-5
Molecular Formula:	C <sub>25</sub> H <sub>22</sub> ClN <sub>5</sub> O <sub>2</sub> S
Molecular Weight:	491.99
Target:	Epigenetic Reader Domain
Pathway:	Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Birabresib (Standard) is the analytical standard of Birabresib. This product is intended for research and analytical applications. Birabresib (OTX-015) is a potent bromodomain (BRD2/3/4) inhibitor with IC <sub>50</sub> s ranging from 92 to 112 nM.
IC <sub>50</sub> & Target	IC <sub>50</sub> : 92-112 nM (BRD2, BRD3, BRD4) <sup>[1]</sup>

### REFERENCES

- [1]. J. Kay Noel, et al. Abstract C244: Development of the BET bromodomain inhibitor OTX015. Mol Cancer Ther November 2013 12; C244.
- [2]. Marie-Magdelaine Coudé, et al. BET inhibitor OTX015 targets BRD2 and BRD4 and decreases c-MYC in acute leukemia cells. Oncotarget. 2015 Jul 10; 6(19): 17698-17712.
- [3]. Lu P, et al. The BET inhibitor OTX015 reactivates latent HIV-1 through P-TEFb. Sci Rep. 2016 Apr 12;6:24100
- [4]. Vázquez R, et al. The bromodomain inhibitor OTX015 (MK-8628) exerts anti-tumor activity in triple-negative breast cancer models as single agent and in combination with RAD001. Oncotarget. 2017 Jan 31;8(5):7598-7613.

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

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