



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

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) 

Braftide

Cat. No.:	HY-P10436
CAS No.:	2411851-64-2
Molecular Formula:	C ₅₇ H ₉₄ N ₁₆ O ₁₃ S
Molecular Weight:	1243.52
Sequence:	Thr-Arg-His-Val-Asn-Ile-Leu-Leu-Phe-Met
Sequence Shortening:	TRHVNILLFM
Target:	Raf
Pathway:	MAPK/ERK Pathway
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Braftide is an allosteric inhibitor for BRAF kinase by targeting the dimer interface of BRAF kinase and inhibiting the formation of BRAF dimers. Braftide inhibits wild-type BRAF and oncogenic BRAF^{G469A} with IC₅₀ of 364 nM and 172 nM, respectively. Braftide inhibits MAPK signaling pathway, inhibits proliferation of KRAS mutant tumor cells (EC₅₀ is 7.1 and 6.6 μM, for HCT116 and HCT-15), in combination of TAT sequence^[1].

REFERENCES

[1]. Gunderwala AY, et al., Development of Allosteric BRAF Peptide Inhibitors Targeting the Dimer Interface of BRAF. ACS Chem Biol. 2019 Jul 19;14(7):1471-1480.

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