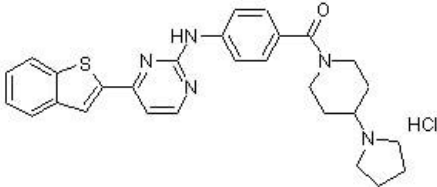


Product datasheet

IKK-16, IkappaB kinase inhibitor ab216471

[3 References](#) [2 Images](#)

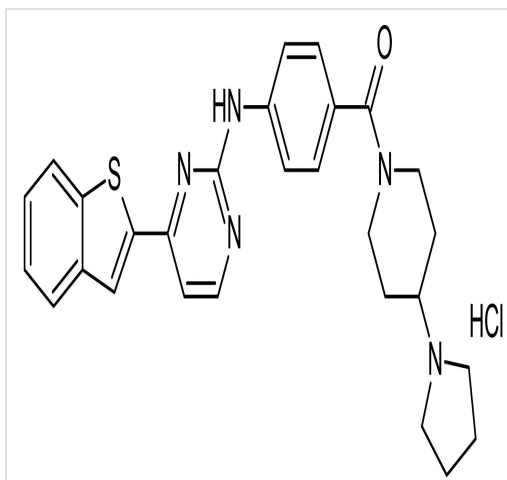
Overview

Product name	IKK-16, IkappaB kinase inhibitor
Description	Potent, selective I κ B kinase inhibitor
General notes	This product is manufactured by BioVision, an Abcam company and was previously called B1087 IKK16. B1087-25 is the same size as the 25 mg size of ab216471.
CAS Number	1186195-62-9
Chemical structure	

Properties

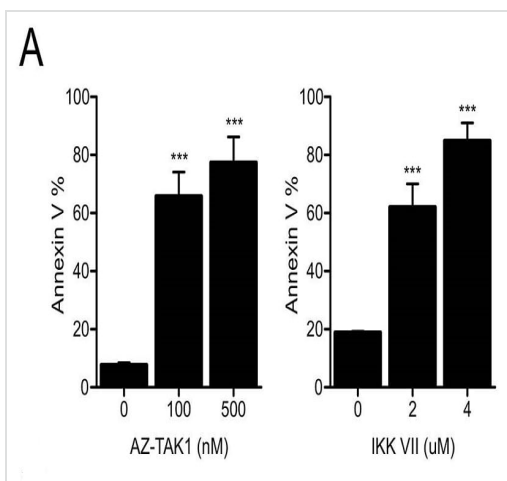
Chemical name	N-(4-Pyrrolidin-1-yl-piperidin-1-yl)-[4-(4-benzo[b]thiophen-2-yl-pyrimidin-2-ylamino)phenyl]carboxamide hydrochloride
Molecular weight	520.09
Molecular formula	C ₂₈ H ₂₉ N ₅ OS.HCl
PubChem identifier	56972179
Storage instructions	Shipped at 4°C. Store at -20°C. Store under desiccating conditions.
SMILES	<chem>C1CCN(C1)C2CCN(CC2)C(=O)C3=CC=C(C=C3)NC4=NC=CC(=N4)C5=CC6=CC=CC=C6S5.Cl</chem>
Source	Synthetic

Images



2D chemical structure image of ab216471, IKK-16, IκB kinase inhibitor

Chemical Structure - IKK-16, IκB kinase inhibitor (ab216471)



Inhibition of the TAK1-NFκB axis phenocopies FLT3-L deprivation.

A) Percentage of Annexin V-positive CB MLL-AF9 cells after 24 hours incubation with DMSO or AZ-TAK1 inhibitor or IKK VII in different concentrations (technical triplicate ± s.d of 3 independent experiments).

Functional Studies - IKK-16, IκB kinase inhibitor (ab216471)

Carretta et al PLoS One. 2017 Dec 14;12(12):e0189102. doi: 10.1371/journal.pone.0189102. eCollection 2017. Fig 5. Reproduced under the Creative Commons license <http://creativecommons.org/licenses/by/4.0/>

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors
- Abcam biochemicals are novel compounds and we have not tested their biological activity in house. Please use the literature to identify how to use these products effectively. If you require further assistance please contact the scientific support team