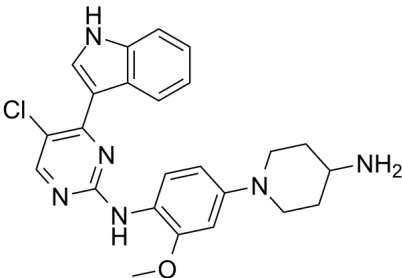


Certificate of Analysis

Catalog Number	BP10411
Product Name	AZD-3463

Physical and Chemical Properties

Synonyms	ALK/IGF1R inhibitor, AZD3463
CAS No.	1356962-20-3
Chemical Formula	C ₂₄ H ₂₅ ClN ₆ O
Molecular Weight	448.96
Solubility	H ₂ O: <1 mg/mL DMSO: 23 mg/mL (51.2 mM); Ethanol: <1 mg/mL
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	 <p>The chemical structure of AZD3463 is shown. It features a central pyrimidine ring substituted with a chlorine atom at the 5-position, an indol-3-yl group at the 2-position, and a 4-(4-aminopiperidin-1-yl)-3-methoxyphenyl group at the 4-position.</p>

Product Information

Description	AZD3463, an orally bioavailable ALK inhibitor (K _i : 0.75 nM), can inhibit IGF1R with equivalent potency.
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Targets&IC50	ALK: 0.75 nM(Ki)
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Analytical Data

HPLC	Shows Min >99% purity
H-NMR	Consistent with structure
Stability and Solubility Advice	Information on product stability, especially in solution, has rarely been reported and in most cases we can only provide a general guideline. We recommend that once the stock solution has been prepared, it be stored in equal quantities in sealed vials and used within 1 month. Avoid repeated freezing and thawing cycles. Storage conditions for some special products should be referred to their storage details.

Purdue Bioscience Inc.

750 50th St, Brooklyn, NY 11220, USA

<https://www.purduebio.com>

1-877.618.7311

info@purduebio.com

v2 Revision on 12/28/2022