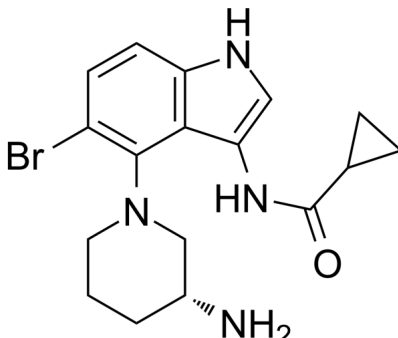


Certificate of Analysis

Catalog Number	BP13132
Product Name	CHK1 inhibitor

Physical and Chemical Properties

Synonyms	GDC-0575 analog
CAS No.	2097938-64-0
Chemical Formula	C ₁₇ H ₂₁ BrN ₄ O
Molecular Weight	377.286
Solubility	DMSO: 150 mg/mL (397.58 mM), Need ultrasonic
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	 <p>The chemical structure is a complex molecule featuring a benzimidazole core. A bromine atom (Br) is attached to the benzene ring. A piperidine ring is connected to the benzimidazole system, with an amino group (NH₂) attached to it. A cyclopropylmethyl amide group is also present, attached to the imidazole ring.</p>

Product Information

Description	CHK1 inhibitor (GDC-0575 analog) is a CHK1 inhibitor.
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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.

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