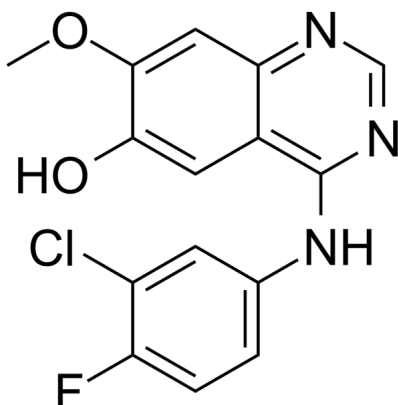


## Certificate of Analysis

Catalog Number	BP12529
Product Name	FAAH-IN-2

## Physical and Chemical Properties

Synonyms	O-Desmorpholinopropyl Gefitinib
CAS No.	184475-71-6
Chemical Formula	C <sub>15</sub> H <sub>11</sub> ClFN <sub>3</sub> O <sub>2</sub>
Molecular Weight	319.72
Solubility	DMSO: 50 mg/mL (156.39 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 of FAAH-IN-2 is shown. It consists of a quinazoline ring system. At position 6, there is a methoxy group (-OCH<sub>3</sub>) and a hydroxyl group (-OH). At position 4, there is an amino group (-NH-) which is connected to a 3-chloro-4-fluorophenyl ring.</p>

## Product Information

Description	FAAH-IN-2 is a potent inhibitor of FAAH(fatty acid amide hydrolase).
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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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