

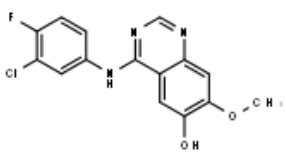
## Certificate of Analysis

Target	Inhibitors & Agonists>>Others>>Other Targets
Cat.No	DC22354
Name	O-Desmorpholinopropyl Gefitinib

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## Chemical Properties

CAS	184475-71-6
Formula	C <sub>15</sub> H <sub>11</sub> CLFN <sub>3</sub> O <sub>2</sub>
MW	319.7181
Storage	2 years -20°C Powder, 2 weeks 4°C in DMSO, 6 months -80°C in DMSO
Structure	 <p>The chemical structure shows a central morpholine ring system. One nitrogen atom is part of a five-membered ring fused to a benzene ring. The other nitrogen atom is part of a six-membered ring fused to another benzene ring. The six-membered ring has a carbonyl group (=O) and a hydroxyl group (-OH) at the 2-position. The five-membered ring has a carbonyl group (=O) and a hydroxyl group (-OH) at the 2-position. The benzene ring fused to the five-membered ring has a chlorine atom (-Cl) and a fluorine atom (-F) at the 3 and 4 positions, respectively. The benzene ring fused to the six-membered ring has a hydroxyl group (-OH) at the 3-position. The morpholine ring is connected to a propyl chain (-CH<sub>2</sub>-CH<sub>2</sub>-CH<sub>2</sub>-OH) at the 4-position.</p>
Purity	>98%

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