

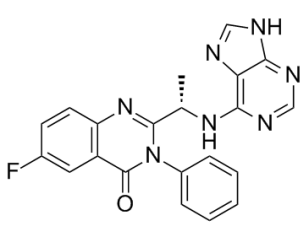
## Certificate of Analysis

Target	Inhibitors & Agonists>>PI3K/Akt/mTOR>>PI3K
Cat.No	DC8760
Name	Acalisib

Tel: +86-21-58447131  
Fax: +86-21-61642470

Email:  
sales@dcchemicals.com  
order@dcchemicals.com

## Chemical Properties

CAS	870281-34-8
Formula	C <sub>21</sub> H <sub>16</sub> N <sub>7</sub> O
MW	401.4
Storage	2 years -20°C Powder, 2 weeks 4°C in DMSO, 6 months -80°C in DMSO
Structure	 <p>The chemical structure of Acalisib is a complex heterocyclic molecule. It features a central benzimidazole ring system. One nitrogen of the benzimidazole is substituted with a 4-fluorophenyl group. The other nitrogen is substituted with a 2-phenyl-2H-benzimidazol-5-ylmethyl group. The stereochemistry at the chiral center is indicated by a dashed bond.</p>
Purity	>98%

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