

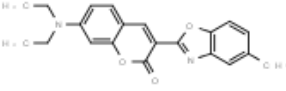
Certificate of Analysis

Target	Inhibitors & Agonists>>Tyrosine Kinase>>EGFR
Cat.No	DC40471
Name	EM148

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

Email:
sales@dchemicals.com
order@dchemicals.com

Chemical Properties

CAS	34564-13-1
Formula	C ₂₁ H ₂₀ N ₂ O ₃
MW	348.40
Storage	Powder-20°C3 years4°C2 yearsIn solvent-80°C6 months -20°C1 month
Structure	 <p>The chemical structure of EM148 is a complex molecule. It features a central benzimidazole ring system. One of the benzimidazole nitrogens is substituted with a 2-(dimethylamino)ethyl group. The other benzimidazole nitrogen is substituted with a 4-(methylsulfonyl)phenyl group. The benzimidazole ring is also substituted with a 2-(4-(dimethylamino)phenyl)ethyl group. The structure is shown in a 2D representation with labels for the dimethylamino group (H-C-N) and the methylsulfonyl group (C-SO₃).</p>
Purity	>98%

Website:
www.dchemicals.com