

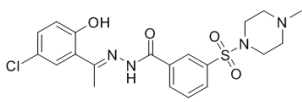
## Certificate of Analysis

|        |   |
|--------|---|
| Target | Inhibitors & Agonists>>Epigenetics>>Histone Demethylase |
| Cat.No | DC11400   |
| Name   | Seclidemstat (SP-2577)                                  |

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

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

## Chemical Properties

|           |   |
|-----------|---|
| CAS       | 1423715-37-0  |
| Formula   | C <sub>20</sub> H <sub>23</sub> CLN <sub>4</sub> O <sub>4</sub> S   |
| MW        | 450.93  |
| Storage   | 2 years -20°C Powder, 2 weeks 4°C in DMSO, 6 months -80°C in DMSO   |
| Structure |  <p>The chemical structure of Seclidemstat (SP-2577) is shown. It features a central benzimidazole ring system. One of the benzimidazole nitrogens is substituted with a methyl group. The 2-position of the benzimidazole ring is substituted with a 4-chlorophenyl group. The 5-position of the benzimidazole ring is substituted with a 4-(4-(dimethylamino)phenyl)sulfonyl group. The SMILES string for this structure is: <chem>CN1C=NC2=C(C=C1)C(=C(C=C2)Cl)N3C(=O)C(=C(C=C3)S(=O)(=O)N4CCN(C)CC4)</chem></p> |
| Purity    | >98%  |

Website:  
www.dcchemicals.com