

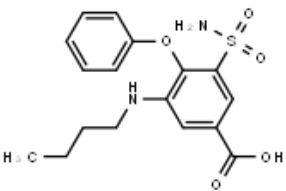
## Certificate of Analysis

Target	Inhibitors & Agonists>>Membrane Transporter/Ion Channel>>Na-K-Cl Cotransporter (NKCC)
Cat.No	DCAPI1140
Name	Bumetanide

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

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

## Chemical Properties

CAS	28395-03-1
Formula	C <sub>17</sub> H <sub>20</sub> N <sub>2</sub> O <sub>5</sub> S
MW	364.42
Storage	2 years -20°C Powder, 2 weeks 4°C in DMSO, 6 months -80°C in DMSO
Structure	 <p>The chemical structure of Bumetanide is shown. It consists of a central benzene ring with a propylamino group (-NH-CH<sub>2</sub>-CH<sub>2</sub>-CH<sub>2</sub>-H) at the 1-position, a phenyl ether group (-O-C<sub>6</sub>H<sub>5</sub>) at the 2-position, a sulfonamide group (-NH-SO<sub>2</sub>-NH<sub>2</sub>) at the 3-position, and a carboxylic acid group (-COOH) at the 4-position.</p>
Purity	>99%

**Website:**  
www.dcchemicals.com