



## Certificate of Analysis

Product Name	E4031
Catalog No.	V3382
Batch No.	V338201

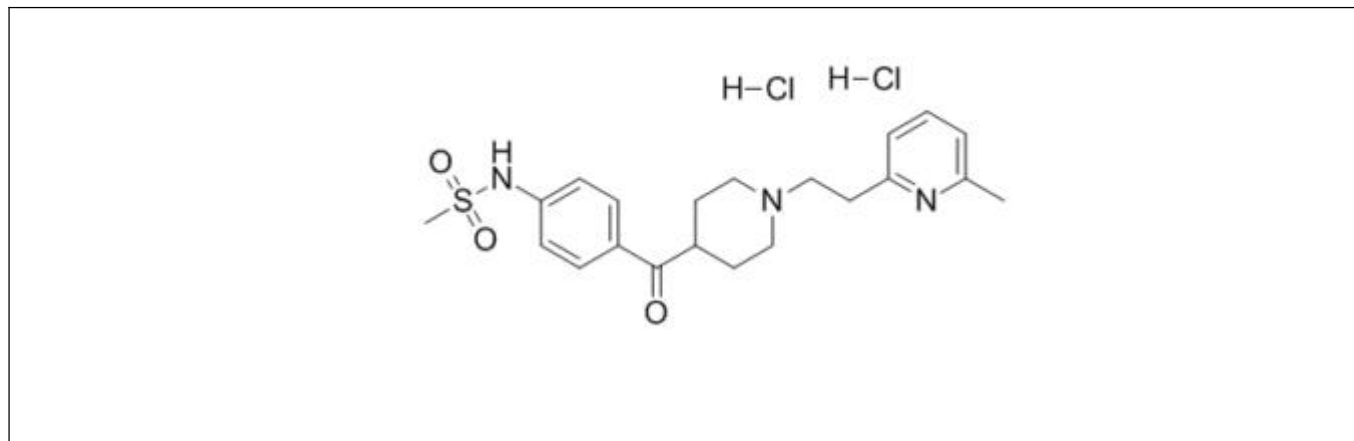
### 1. Physical and Chemical Properties

Appearance	Powder
Molecular Formula	C <sub>21</sub> H <sub>29</sub> Cl <sub>2</sub> N <sub>3</sub> O <sub>3</sub> S
Molecular Weight	474.44
Purity	≥98.0%
CAS No.	113559-13-0 (2HCl salt); 113558-89-7 (free base)

### 2. Analytical Data

HPLC	Indicates ≥98.0% purity
NMR	Consistent with structure
Mass Spectrum	Consistent with structure

### 3. Structure



### 4. Storage Condition

Short term storage (weeks)	0 - 4 °C under dry condition
Long term storage (months)	-20 °C under dry condition

Products are for research use only • Not for human or veterinary use