



Certificate of analysis

Product name: Dofetilide

Cas number: 115256-11-6

Molecular Formula: C₁₉H₂₇N₃O₅S₂

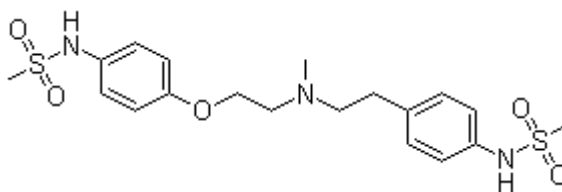
Molecular Weight: 441.56

Batch No.: 20150511

Date of production: May 11nd, 2015

Date of Expiry: May, 10st, 2017

Chemical structure:



Items	Specifications	Results
Appearance	White to off-white crystalline powder	Conform
Identification	NMR HPLC	Conform
Solubility	Freely soluble in methanol, soluble in alcohol and chloroform, almost insoluble in ether	Conform
Melting point	147.0~149.0°C	147.0~149.0°C
Related Substances	≤ 1.0%	0.01%
Acidity(PH)	8.5~9.6	9.25
The maximum content of single impurity	≤0.1%	0.01%
Loss On Drying	≤ 1.0%	0.12%
Heavy metals	≤10 ppm	complies
Residue on Ignition	≤0.1%	0.02%
Assay(HPLC)	≥99.0%	99.4%

Conclusion: It complies with the Enterprise Standard.

Analyst: Zhao

Checker: Liu

Q.C Director: Fang F