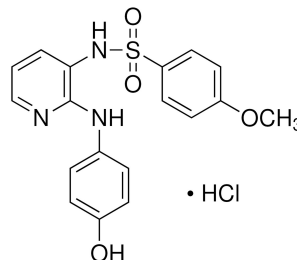


Certificate of Analysis

Product Name : ABT-751 hydrochloride $\geq 98\%$ (HPLC)
Product Number : SML0131-BULK
Batch Number : 091M4608V
CAS Number : 141450-48-8
Storage Temperature : Cooler/Refrigerated
Molecular Formula : $C_{18}H_{17}N_3O_4S \cdot HCl$
Formula Weight : 407.87
Quality Release Date : 16 Jun 2017



Test	Specification	Result
Appearance (Color)	Light Purple to Dark Purple	Light Purple
Appearance (Form)	Powder	Powder
Solubility (Turbidity)	Clear	Clear
Solubility (Color)	Conforms to Requirements	Colorless
Concentration	≥ 15.0 mg/ml	30.0 mg/ml
DMSO		
Purity (HPLC)	≥ 97.5 %	99.3 %
Identity	Confirmed	Confirmed
Water Content	0.0 - 3.0 mol	0.0 mol
Salt Content	0.9 - 1.1 mol	1.0 mol
Elemental Composition	Pass	Pass

Brendan Nye, QC Supervisor
 Quality Control
 Natick, Massachusetts
 US