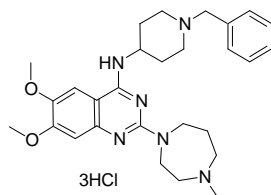




Certificate of Analysis

Axon Catalogue ID: 1692 **Batch Number:** 1
Product Name: BIX 01294 trihydrochloride tetrahydrate
Alternative Name(s): N.A.
IUPAC Name: N-(1-benzylpiperidin-4-yl)-6,7-dimethoxy-2-(4-methyl-1,4-diazepan-1-yl)quinazolin-4-amine trihydrochloride tetrahydrate

Structure:



Amount:

CAS number: 935693-62-2 (FB) **MW:** 600.02

Batch Molecular Formula: C₂₈H₃₈N₆O₂·3HCl·4H₂O **Batch MW:** 672.07

Appearance: Off-white solid **Observed mp:** 245 °C

TLC (R_f): 0.2 DCM/MeOH (9:1)

Chemical Purity: 99.9%

Optical Purity (ee):

¹H-NMR (300 MHz): Analytical data confirm chemical structure

Mass Spec: Analytical data confirm chemical structure

Microanalysis: C, H, and N fit within 0,4% of theoretical calculation

Storage Conditions: Desiccate at +4°C

Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
Water	52.0	77.4	Soluble
0.1N NaOH (aq)			Not Tested
0.1N HCl (aq)			Not Tested
DMSO	26.7	39.7	Soluble
EtOH			Not Tested

Remarks: Compound is potentially hygroscopic. Please keep it under dry condition.

QC Date: 8/18/2011

The purity of Axon products is confirmed by HPLC, MS, NMR and/or microanalysis. Analytical data are available upon request. Request can be submitted by e-mail to info@axonmedchem.com indicating Axon Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only