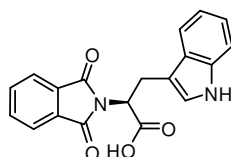




Certificate of Analysis

Axon Catalogue ID: 1691 **Batch Number:** 1
Product Name: RG 108
Alternative Name(s): N.A.
IUPAC Name: (S)-2-(1,3-Dioxoisindolin-2-yl)-3-(1H-indol-3-yl)propanoic acid

Structure:



Amount:

CAS number(s): 48208-26-0
Molecular Formula: C₁₉H₂₄N₂O₄ **Molecular Weight:** 334.33
Batch Molecular Formula: C₁₉H₂₄N₂O₄ **Batch Molecular Weight:** 334.33
Appearance: Yellow solid **Observed mp:** 171 - 173 °C
TLC (R_f): 0.3 DCM/MeOH (9:1)
Chemical Purity: 99.6%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 68.26, H 4.22, N 8.38; Found: C ND, H ND, N ND
Storage Conditions: Store at +4°C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)	0.0	0.0	Insoluble
	0.1N HCl (aq)	0.0	0.0	Insoluble
	DMSO	33.4	>100 mM	0
	EtOH			0

Remarks:

QC Date: 12-06-2018

The purity of Axon Ligands 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 Catalogue ID and Batch number.

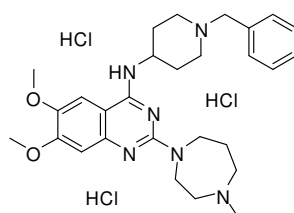
Caution: Not fully tested. For research purposes only



Certificate of Analysis

Axon Catalogue ID: 1692 **Batch Number:** 2
Product Name: BIX 01294 trihydrochloride
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

Structure:



Amount:

CAS number(s): 935693-62-2 (parent), 1392399-03-9 (HCl (1:3))
Molecular Formula: C₂₈H₃₈N₆O₂·3HCl **Molecular Weight:** 600.02
Batch Molecular Formula: C₂₈H₃₈N₆O₂·3HCl·2.75H₂O **Batch Molecular Weight:** 649.57
Appearance: White solid **Observed mp:** >238 °C (decomp)
TLC (R_f): 0.5 DCM/MeOH/NH₃ (4:1:0.1)
Chemical Purity: 99.4%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 51.77, H 7.22, N 12.94; Found: C 52.16, H 7.64, N 12.97
Storage Conditions: Desiccate at -20 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	62.0	95.4	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	29.0	44.6	
	EtOH			Not Tested

Remarks: Compound is hygroscopic. Please store under dry conditions.

QC Date: 11-12-2018

The purity of Axon Ligands 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 Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only