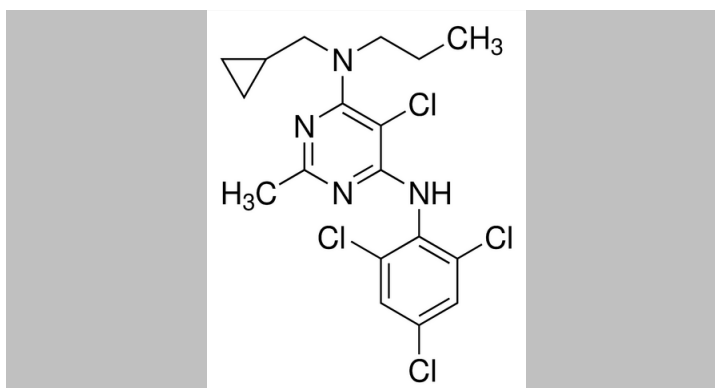


**Certificate Of Analysis**  
**Quality Control Testing and Research Application**COA Preparation Date: 06/05/2014  
COA Revision Date: 06/05/2017

**Product:** NBI 27914  
**Cat. No.:** BN0370  
**Batch No.:** 0370BN/02  
**Chemical Name:** 5-Chloro-*N*-(cyclopropylmethyl)-2-methyl-*N*-propyl-*N'*-(2,4,6-trichlorophenyl)-4,6-pyrimidinediamine

**1. PHYSICAL AND CHEMICAL PROPERTIES**

**Batch Molecular Formula:** C<sub>18</sub>H<sub>20</sub>Cl<sub>4</sub>N<sub>4</sub>  
**Batch Molecular Weight:** 434.19  
**CAS No:** [184241-44-9]  
**Physical Appearance:** White solid  
**Melting Point:** 172 - 174° C  
**Solubility:** Soluble to 100 mM in ethanol or to 100 mM in DMSO  
**Storage:** RT  
**Batch Molecular Structure:**



**Product Description:** Selective, non-peptide corticotropin-releasing factor<sub>1</sub> (CRF<sub>1</sub>) receptor antagonist (K<sub>i</sub> = 1.7 nM). Displays no activity at CRF<sub>2</sub> receptors.

**References:** 1. Chen et al. (1996) J Med Chem 39:4358; 2. Baram et al. (1997) Brain Res 770:89; 3. McCarthy et al. (1999) Curr Pharmaceut Des 5:289; 4. Martinez et al. (2002) J Pharmacol Exp Ther 301:611

- CAUTION - Not fully tested. For Research use only. Not for human use. -



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**BN0370 NBI 27914**

**2. ANALYTICAL DATA**

HPLC: corresponds to the reference

MS: corresponds to the reference

Tests: HPLC Assay: > 99% (complies).

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