

Certificate Of Analysis

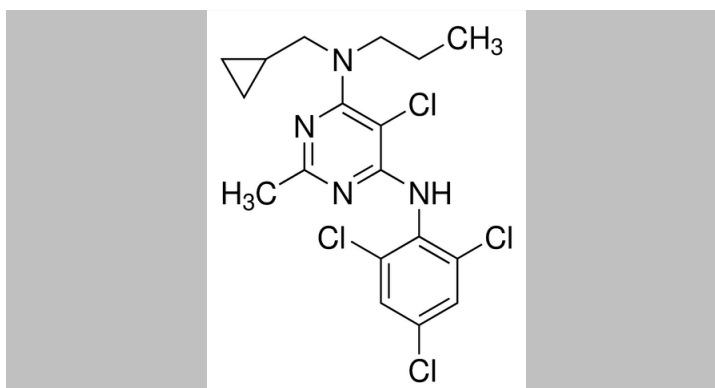
Quality Control Testing and Research Application

COA Preparation Date: 24/10/2014
COA Revision Date: 24/10/2017

Product: NBI 27914
Cat. No.: BN0370
Batch No.: 0370BN/01
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: C₁₈H₂₀Cl₄N₄
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 factor₁ (CRF₁) receptor antagonist (K_i = 1.7 nM). Displays no activity at CRF₂ 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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2. ANALYTICAL DATA

HPLC: corresponds to the reference

MS: corresponds to the reference

Tests: HPLC Assay: > 98% (complies).

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