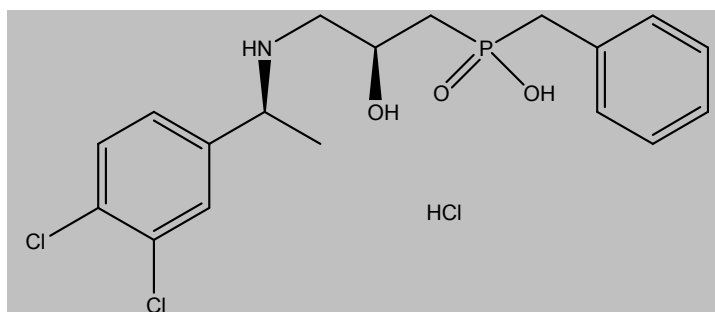


**Certificate Of Analysis**  
**Quality Control Testing and Research Application**COA Preparation Date: 21/08/2014  
COA Revision Date: 21/08/2017

**Product:** CGP 55845  
**Cat. No:** BN0598  
**Batch No.:** 0598BN/02  
**Chemical Name:** (2S)-3-[[[(1S)-1-(3,4-Dichlorophenyl)ethyl]amino]-2-hydroxypropyl] (phenylmethyl)phosphinic acid hydrochloride

**1. PHYSICAL AND CHEMICAL PROPERTIES**

**Batch Molecular Formula:** C<sub>18</sub>H<sub>22</sub>Cl<sub>2</sub>NO<sub>3</sub>P .HCl  
**Batch Molecular Weight:** 438.72  
**CAS No.:** [149184-22-5] (free base)  
**Physical Appearance:** White solid  
**Melting Point:**  
**Solubility:** Soluble to 100 mM in DMSO or to 100 mM in ethanol  
**Storage:** RT  
**Batch Molecular Structure:**



**Product Description:** Selective and potent GABA<sub>B</sub> receptor antagonist (IC<sub>50</sub> = 6 nM).

(Sold with the permission of Novartis Pharma AG)

**References:** 1. Davies et al. (1993) Neuropharmacology 32:1071; 2. Lacey and Curtis (1994) Exp Brain Res 101:59; 3. Cunningham and Enna (1996) Brain Res 720:220; 4. Froestl et al. (1996) Pharmacol Rev Comm 8:127; 5. Deisz (1999) Neuroscience 93:1241; 6. Oka et al. (2006) Biochem Biophys Res Commun 341:874

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

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**BN0598 CGP 55845**

**2. ANALYTICAL DATA**

HPLC: corresponds to the reference

MS: corresponds to the reference

Tests: Optical rotation:  $-27^{\circ}$  ( $[\alpha]_D$ , c = 1, solvent = Methanol) (complies); HPLC Assay: > 99% (complies).

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