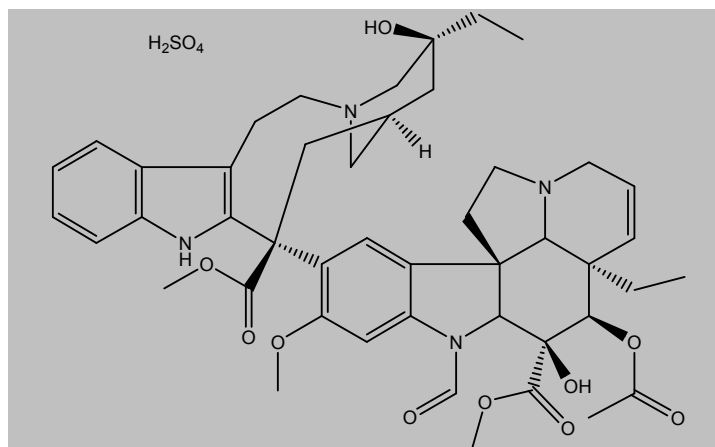


**Certificate Of Analysis**  
**Quality Control Testing and Research Application**COA Preparation Date: 16/03/2017  
COA Revision Date: 16/03/2020

**Product:** Vincristine sulfate  
**Cat. No.:** BG0389  
**Batch No.:** 0389BG/02  
**Chemical Name:** 22-Oxovinaculeukoblastine sulfat

**1. PHYSICAL AND CHEMICAL PROPERTIES**

**Batch Molecular Formula:** C<sub>46</sub>H<sub>56</sub>N<sub>4</sub>O<sub>10</sub> ·H<sub>2</sub>SO<sub>4</sub>  
**Batch Molecular Weight:** 923.04  
**CAS No.:** [2068-78-2]  
**Physical Appearance:** White solid  
**Melting Point:**  
**Solubility:** Soluble to 100 mM in water  
**Storage:** Desiccate at +4° C  
**Batch Molecular Structure:**



**Product Description:** Antitumour alkaloid isolated from *Vinca rosea*. Microtubule disrupter that induces apoptosis in human lymphoma cells.

**References:** 1. Jordan et al. (1985) Cancer Res 45:2741; 2. Wang et al. (1999) Cancer Chemother Pharmacol 44:335

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



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**BG0389 Vincristine sulfate**

**2. ANALYTICAL DATA**

HPLC: corresponds to the reference

MS: corresponds to the reference

Tests: pH: 4.1 (complies); Loss on Drying: 7.0% (complies); HPLC Assay: > 98% (complies).

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