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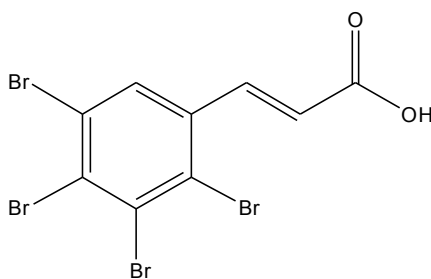
CERTIFICATE OF ANALYSIS

Product name: **Casein Kinase II Inhibitor III**

Cat. number: **VD-OEIA-0023** CAS Number: **934358-00-6** Lot number: **VD12-5000919**

Personal protective equipment

- Lab coat.
- Safety glasses.



Product Specification

Formula:	C ₉ H ₄ Br ₄ O ₂
MW:	463.8
Purity:	>=95%
Appearance:	Off-white solid.
Solubility:	DMSO or EtOH.
Storage:	+2°C to +8°C. Protect from light.
Synonyms:	CKII Inhibitor, TBCA

Product Description:

A cell-permeable tetrabrominated cinnamic acid compound that acts as a potent and ATP-competitive inhibitor of Casein Kinase II (IC₅₀ = 110 nM, K_i = 77 nM) with greater selectivity than TBB and DMAT against a panel of 28 commonly studied kinases. Shown to efficiently induces apoptosis in Jurkat cells (DC₅₀ = 7.7 μM).

Product Reference:

1. Pagano, M.A., et al. 2006. Chembiochem 8, 129.

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