



MANUFACTURED BY VDM BIOCHEMICALS, INC.
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CERTIFICATE OF ANALYSIS

Product name: **Casein Kinase II Inhibitor VI, TMCB**

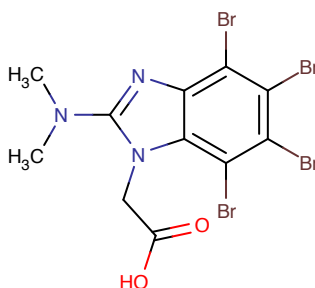
Cat. number: **VD-OEIA-0221**

CAS Number: **905105-89-7**

Lot number: **VD15-1113255**

Personal protective equipment

- Lab coat.
- Safety glasses.



Product Specification

Formula:	C ₁₁ H ₉ Br ₄ N ₃ O ₂
MW:	534.8
Purity:	≥97% by HPLC.
Appearance:	White powder.
Solubility:	DMSO to 25 mM.
Storage:	-20°C. Stock solutions are stable for up to 3 months at -20°C.
Synonyms:	ERK8 Inhibitor I; K66; Erk Inhibitor VI

Product Description

A cell-permeable tertabromobenzimidazole TBB analog that acts as a highly selective (IC₅₀ >10 μM against 71 other kinases) ATP-competitive inhibitor against CK2 (IC₅₀ = 500 nM; K_i = 250 nM) and ERK8 (IC₅₀ = 500 nM). K66 is reported to be more selective than either TBB or DMAT and selective CK2 inhibition by K66 is shown to be cytotoxic to non-ERK8-expressing Jurkat cells.

Quality control department:

This material is chemically synthesized. Made in USA

TO BE USED FOR RESEARCH PURPOSES ONLY. NOT FOR DRUG OR CLINICAL USE IN HUMANS OR FOOD ADDITIVE USE