

CERTIFICATE of ANALYSIS

PRODUCT:	P32/98, Dipeptidyl Peptidase-IV Inhibitor DPPIV/DPP4 inhibitor; [CD26; P32/98; 3-N-[(2S,3S)-2-Amino-3-methylpentanoyl]-1,3-thiazolidine · hemi-fumarate $C_9H_{18}N_2OS \cdot \frac{1}{2} C_4H_4O_4$, M.W. 260.4, CAS# [136259-20-6]
PRODUCT NUMBER:	P-1685
LOT NUMBER:	J1225A
APPEARANCE:	White powder
SOLUBILITY:	May be dissolved in H ₂ O (20 mg/ml) or DMSO (25mg/ml).
ANALYSIS (TLC):	> 98%
NMR:	Conforms
DESCRIPTION:	A potent and selective inhibitor of dipeptidyl peptidase IV (DPPIV) ($K_i = 130nM$). May be used in cell culture (1-10 μM) or <i>in vivo</i> (10 mg/Kg orally). Cell permeable. Experimental anti-diabetic agent.
STORAGE & HANDLING:	Store desiccated at -20°C. Store solutions at -20°C for up to 1 month. CAUTION: For laboratory research & scientific manufacturing use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: KLS