



Catalog # 10-1142

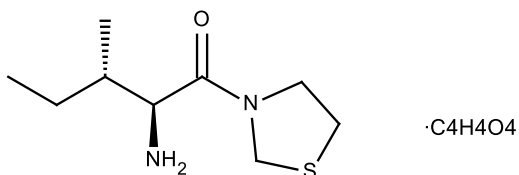
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CAS# 136259-20-6

Isoleucine thiazolidide hemi-fumarate

(2S,3S)-2-Amino-3-methyl-1-(thiazolidin-3-yl)pentan-1-one hemi-fumarate

Lot # M101024



A potent and selective inhibitor of dipeptidyl peptidase IV (DPPIV) ($K_i=130$ nM). May be used in cell culture (1-10 μM) or *in vivo* (10 mg/Kg orally). Cell permeable. Experimental anti-diabetic agent. This product not approved for human therapeutic use.

PHYSICAL DATA

Molecular Weight:	260.36
Molecular Formula:	$\text{C}_9\text{H}_{18}\text{N}_2\text{OS} \cdot \frac{1}{2}(\text{C}_4\text{H}_4\text{O}_4)$
Purity:	98% by TLC
	NMR: (Conforms)
Solubility:	DMSO (up to 25 mg/ml) or Water (up to 20 mg/ml)
Physical Description:	White solid
Storage and Stability:	Store as supplied at -20°C for up to 2 years from the date of purchase. Solutions in DMSO or water may be stored at -20°C for up to 1 month.

Materials provided by Focus Biomolecules are for laboratory research use only and are not intended for human or veterinary applications.

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