

<b>Product Name</b>	: P32/98 hemifumarate
<b>Synonyms</b>	: —
<b>Cat No.</b>	: M33775
<b>CAS Number</b>	: 251572-86-8
<b>Molecular Formula</b>	: C <sub>22</sub> H <sub>40</sub> N <sub>4</sub> O <sub>6</sub> S <sub>2</sub>
<b>Formula Weight</b>	: 520.71
<b>Chemical Name</b>	: —
<b>Description</b>	: P32/98 hemifumarate is a potent inhibitor of dipeptidyl peptidase IV with a K <sub>i</sub> value of 130 nM. P32/98 hemifumarate improves glucose tolerance, insulin sensitivity and β-cell responsiveness in fatty Zucker rat model.
<b>Pathway</b>	: Metabolic Enzyme/Protease
<b>Target</b>	: DPP
<b>Receptor</b>	: DPP-4
<b>Solubility</b>	: —
<b>SMILES</b>	: <chem>OC/C=C/C(O)=O.O.CC[C@@H](C)[C@H](N)C(N)CCSC1=O.CC[C@@H](C)[C@H](N)C(N)CCSC2=O</chem>
<b>Storage</b>	: (-20°C)
<b>Stability</b>	: ≥ 2 years
<b>Reference</b>	:

1. Augstein P, et al. Efficacy of the dipeptidyl peptidase IV inhibitor isoleucine thiazolidide (P32/98) in fatty Zucker rats with incipient and manifest impaired glucose tolerance. *Diabetes Obes Metab.* 2008;10(10):850-861.?