



MANUFACTURED BY VDM BIOCHEMICALS.LLC  
5386 MAJESTIC PARKWAY, UNIT-9,BEDFORD HEIGHTS, OH 44146,USA  
PHONE NUMBER: 1-440-786-9400  
FAX NUMBER: 1-440-786-9410  
EMAIL: SALES@VDMBIO.COM

[www.vdmbio.com](http://www.vdmbio.com)

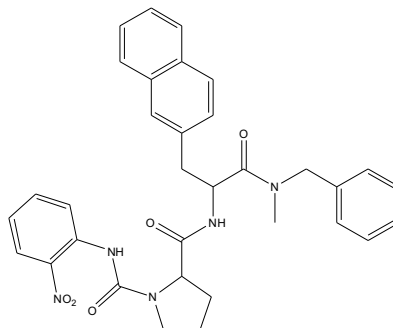
## CERTIFICATE OF ANALYSIS

Product name: **SDZ NKT 343**

Cat. number: **VD-OEIA-1086** CAS Number: **180046-99-5** Lot number: **VD12-1070008**

### Personal protective equipment

- Lab coat.
- Safety glasses.



### Product Specification

<b>Formula:</b>	C <sub>33</sub> H <sub>33</sub> N <sub>5</sub> O <sub>5</sub>
<b>MW:</b>	579.65
<b>Purity:</b>	>=98%
<b>Appearance:</b>	Yellow solid
<b>Solubility:</b>	100 mM in DMSO and to 100 mM in Ethanol.
<b>Storage:</b>	+2°C to +4°C. <b>Protect from light.</b>
<b>Synonyms:</b>	Not available.

### Product Description:

Highly selective human tachykinin NK1 receptor antagonist (IC<sub>50</sub> values are 0.62 and 451 nM for human and rat receptors respectively) that displays > 130-fold selectivity over human NK2 and NK3 receptors. Potently antagonizes SP-induced Ca<sup>2+</sup> efflux in vitro and inhibits mechanical hyperalgesia in vivo.

### Product Reference:

1. Walpole et al (1998), J.Med.Chem. 41 3159.

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