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## Product Data Sheet

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Product Name: [Sar1, Ile8]-Angiotensin II

Cat. No.: GC35025

### Chemical Properties

Cas. No. 37827-06-8

Formula C<sub>46</sub>H<sub>73</sub>N<sub>13</sub>O<sub>10</sub> M.Wt 968.15

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

### Background

[Sar1, Ile8]-Angiotensin II is a peptide that has multiple effects on vascular smooth muscle, including contraction of normal arteries and hypertrophy or hyperplasia of cultured cells or diseased vessels.

Angiotensin II has multiple effects on vascular smooth muscle, including contraction of normal arteries and hypertrophy or hyperplasia of cultured cells or diseased vessels. Angiotensin II activates both the NADPH and NADH oxidases, and stimulates superoxide anion formation in vascular smooth muscle cells[1].

[1]. Griendling KK, et al. Angiotensin II stimulates NADH and NADPH oxidase activity in cultured vascular smooth muscle cells. *Circ Res.* 1994 Jun;74(6):1141-8.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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