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**Product Data Sheet**

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Product Name: Adrenomedullin (11-50), rat

Cat. No.: GC35256

**Chemical Properties**

Cas. No. 163648-32-6

Formula  $C_{194}H_{304}N_{58}O_{59}S_4$ 

M.Wt 4521.17

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**

Adrenomedullin (11-50) is a truncated form of rat adrenomedullin.<sup>1,2</sup> Intravenous administration of adrenomedullin (11-50) (3-10 µg/animal) decreases mean systemic arterial pressure in rats in a dose-dependent manner without affecting cardiac output.<sup>1</sup> Cerebroventricular injection of adrenomedullin (11-50) (88 pmol) reduces water intake in response to angiotensin II, overnight water deprivation, and hyperosmotic challenge in rats.<sup>2</sup>

1. Lin, B., Gao, Y., Chang, J.K., et al. An adrenomedullin fragment retains the systemic vasodepressor activity of rat adrenomedullin. *Eur. J. Pharmacol.* 260(1)1-4(1994)

2. Murphy, T.C., and Samson, W.K. The novel vasoactive hormone, adrenomedullin, inhibits water drinking in the rat. *Endocrinology* 136(6)2459-2469(1995)

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

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