
Product Data Sheet

Product Name: (Leu¹³)-Motilin (human, porcine)

Cat. No.: GA24048

Chemical Properties

Cas. No. 59530-69-7

Formula M.Wt 2681.05

Solubility Storage < -15°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**

(Leu¹³)-Motilin (human, porcine) has been shown to produce an excitory response in the chicken gastrointestinal tract with a different sensitivity from region to region. The mechanisms of action were different between the proventriculus and the intestinal segments. The motilin analog contracted the intestinal segments by direct action on the smooth muscle cells whereas in the proventriculus it caused contraction and enhancement of electrical field stimulation-induced response through an action on the intramural cholinergic neurons.

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

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