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**Product Data Sheet**

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Product Name: Aminopeptidase-IN-1

Cat. No.: GC67997

**Chemical Properties**

Cas. No. 374102-08-6

Formula  $C_{18}H_{16}N_2O_6$ 

M.Wt 356.33

Solubility DMSO : 100 mg/mL (280.64 mM; Need ultrasonic)

Storage 4°C, protect from light

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**

Aminopeptidase-IN-1 (compound 16o) is a potent **insulin-regulated aminopeptidase (IRAP)** inhibitor with an  $K_i$  value of 7.7  $\mu$ M. Aminopeptidase-IN-1 can be used for research cognitive and memory impairments<sup>[1]</sup>.

[1]. Mountford SJ, et al. Synthesis, structure-activity relationships and brain uptake of a novel series of benzopyran inhibitors of insulin-regulated aminopeptidase. J Med Chem. 2014 Feb 27;57(4):1368-77.

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

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