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## Product Data Sheet

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Product Name: Eg5 Inhibitor V, trans-24

Cat. No.: GC35964

### Chemical Properties

Cas. No. 869304-55-2

SMILES O=C([C@]1([H])CC2=C([C@@H](C3=CC=CC(O)=C3)N14)NC5=C2C=CC=C5)N(CC6=CC=CC=C6)C4=O

Formula	C <sub>26</sub> H <sub>21</sub> N <sub>3</sub> O <sub>3</sub>	M.Wt	423.46
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Solubility	Soluble in DMSO	Storage	Store at -20°C
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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

Eg5 Inhibitor V, trans-24 is a potent and specific kinesin Eg5 inhibitor with an IC<sub>50</sub> of 0.65 μM, and can be used in the research of cancer. Eg5|0.65 μM (IC<sub>50</sub>)

Eg5 Inhibitor V, trans-24 is a potent and specific Eg5 inhibitor with an IC<sub>50</sub> of 0.65 μM, and can be used in the research of cancer[1].

[1]. Sunder-Plassmann N, et al. Synthesis and biological evaluation of new tetrahydro-beta-carbolines as inhibitors of the mitotic kinesin Eg5. Bioorg Med Chem. 2005 Nov 15;13(22):6094-111.

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

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