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**Product Data Sheet**

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Product Name: Schinifoline

Cat. No.: GC37607

**Chemical Properties**

Cas. No. 80554-58-1

SMILES O=C1C=C(CCCCCC)N(C)C2=C1C=CC=C2Formula C<sub>17</sub>H<sub>23</sub>NO M.Wt 257.37

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**

Schinifoline, a 4-quinolinone derivative isolated from *Zanthoxylum schinifolium* Sieb, improves radiosensitizing effect, and effects cell cycle and apoptotic-inducing effects in cancer [1].

[1]. Wang CF, et al. Radiosensitizing effect of schinifoline from *Zanthoxylum schinifolium* Sieb et Zucc on human non-small cell lung cancer A549 cells: a preliminary in vitro investigation. *Molecules*. 2014 Dec 1;19(12):20128-38.

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

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