

Product Data Sheet

Product Name: Amg-1
Cat. No.: GC79679

Chemical Properties

Cas. No. 496023-55-3

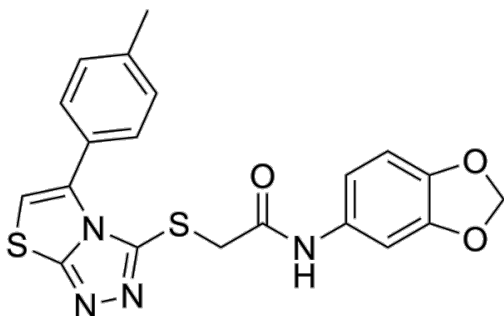
Formula $C_{20}H_{16}N_4O_3S_2$ M.Wt 424.5

Solubility Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility, please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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

Amg-1 is a potent, reversible and selective indoleamine 2,3-dioxygenase (IDO1) inhibitor ($IC_{50} = 3.0 \mu M$). Amg-1 exhibits >80-fold selectivity over IDO2 ($IC_{50} > 250 \mu M$) and >20-fold selectivity over TDO ($IC_{50} > 62.5 \mu M$). Amg-1 can be used for cancer, hypotension, and neurological disorders research [1].

References:

[1]. Meininger D, et al. Purification and kinetic characterization of human indoleamine 2,3-

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

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dioxygenases 1 and 2 (IDO1 and IDO2) and discovery of selective IDO1 inhibitors. Biochim Biophys Acta. 2011 Dec;1814(12):1947-54.

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