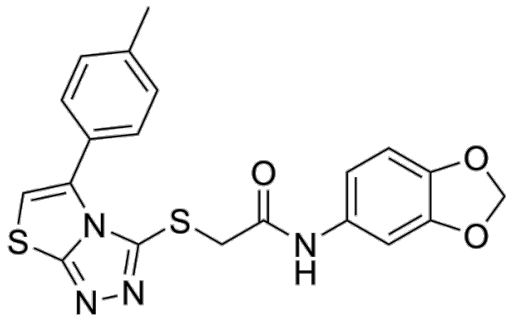
Product Data Sheet

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°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

Amg-1 is a potent, reversible and selective indoleamine 2,3-dioxygenase (IDO1) inhibitor (IC_{50} = 3.0 μM). Amg-1 exhibits >80-fold selectivity over IDO2 (IC_{50} > 250 μM) and >20-fold selective over TDO (IC_{50} > 62.5 μM). 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-

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