## For Research Use Only GIBH-130



## Catalog Number: CM04739

产品信息	Catalog Number: CM04739 CAS号: 1252608-59-5 分子式: C <sub>20</sub> H <sub>20</sub> N <sub>6</sub> O 主要靶点: IL Receptor Interleukin TNF 主要通路: 免疫与炎症 凋亡	分子量: 360.41 溶解度: H2O:Insoluble,DMSO:10 mM	H <sub>g</sub> C N N N N N N N N N N N N N N N N N N N
靶点活性	TNF-α :40.82 μ M NO:46.24 μ M IL-1β :3.4	nM	
体外活性	130 (IC 50 3.4 nM) is identified in screening of microglia with GIBH-130 significantly re stimulation, and the extent of the reduction NO (IC 50: 46.24 μ M) and TNF-α (IC 50: 40. secretion by activated microglia (IC 50: 3.4	by agent that is identified through microglia is as one of the most effective inhibitors with educes the production of these factors in resp n is dependent on the concentrations of GIBH .82 $\mu$ M). Notably, pretreatment with GIBH-12 .nM). The inhibitory efficiency of GIBH-130 (2 is one of the major cytokines during the neur	n an acceptable half-life. Pretreatment onse to Lipopolysaccharides (LPS) -130. GIBH-130 has weak inhibition for 30 significantly suppresses the IL-1β 20 nM) is comparable to 20 μ M
体内活性	comparable in vivo efficacy of cognitive ir candidate targeting in CNS, GIBH-130 is for	louble transgenic Alzheimer's murine model npairment relief to donepezil and memantir und to be orally bioavailable in rats, with 74 enetration ability across blood-brain barrier	e respectively. As a potential drug 91% bioavailability and 4.32 h half-
描述	GIBH-130 markedly inhibits the IL-1 $\beta$ secr neuroinflammation.	retion by activated microglia (IC50: 3.4 nM). (	GIBH-130 is an effective inhibitor of
储存	Powder: -20°C for 3 years   In solvent	:-80°C for 2 years	