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产品名称: **Glesatinib (hydrochloride)**
产品别名: **MGCD265 hydrochloride**

生物活性:					
Description	<p>Glesatinib hydrochloride is an inhibitor of the MET and Axl receptor tyrosine kinase pathways, which drive tumour growth when altered. Target: MET, Axl Glesatinib is an orally bioavailable, small-molecule, multitargeted tyrosine kinase inhibitor with potential antineoplastic activity. MGCD265 binds to and inhibits the phosphorylation of several receptor tyrosine kinases (RTKs), including the c-Met receptor (hepatocyte growth factor receptor); the Tek/Tie-2 receptor; vascular endothelial growth factor receptor (VEGFR) types 1, 2, and 3; and the macrophage-stimulating 1 receptor (MST1R or RON). Glesatinib is a tyrosine kinase inhibitor that is expected to potently and selectively target tumors in patients with driver alterations in MET (mutations and gene amplification) and Axl (rearrangements) that occur in approximately 8% of patients with non-small cell lung cancer (NSCLC). Glesatinib is being evaluated in a Phase 1b study in patients with solid tumors that have genetic alterations in MET or AXL genes. The Phase 2 trial in NSCLC patients with MET genetic alterations is underway to confirm and extend the data that supports the clinical benefit of Glesatinib in patients with driver mutations in MET. Genetic alterations in these targets have been implicated as drivers of tumor growth and disease progression in NSCLC, gastroesophageal cancer and other solid tumors. MET and Axl are also implicated as drivers of tumor progression in patients whose tumors have become resistant to EGFR inhibitors. Therefore, Mirati believes that the combination of Glesatinib with an EGFR inhibitor could potentially treat patients who have become resistant to agents targeting EGFR. Mirati retains worldwide rights to Glesatinib.</p>				
	<p>In Vitro:</p> <p>DMSO : ≥ 28 mg/mL (42.67 mM)</p> <p>* "≥" means soluble, but saturation unknown.</p>				
Solvent&Solubility		<div>Solvent Concentration</div> <div>Mass</div>	1 mg	5 mg	10 mg
	Preparing	1 mM	1.5240 mL	7.6200 mL	15.2400 mL
	Stock Solutions	5 mM	0.3048 mL	1.5240 mL	3.0480 mL
		10 mM	0.1524 mL	0.7620 mL	1.5240 mL
	<p>*请根据产品在不同溶剂中的溶解度选择合适的溶剂配制储备液; 一旦配成溶液, 请分装保存, 避免反复冻融造成的产品失效。</p> <p>储备液的保存方式和期限 -80°C, 6 months; -20°C, 1 month。 -80°C 储存时, 请在 6 个月内使用, -20°C 储存时, 请在 1 个月内使用。</p>				