

## Catalog Number: CM00791

产品信息	Catalog Number:   CM00791   CAS号:   123948-87-8   分子式:   C <sub>23</sub> H <sub>23</sub> N <sub>3</sub> O <sub>5</sub> 主要靶点:   Autophagy Topoisomerase   主要通路:   DNA 损伤和修复 自噬	分子量: 421.45 溶解度: DMSO:84 mg/mL (199.31 mM)	
体外活性	Topoisomerase l抑制剂,topotecan,通过 合物,为提供新的治疗策略提供了可能性[1]	抑制生长及诱导 <b>GSCs</b> 和胶质瘤细胞的凋亡,	表明它们可能是针对胶质瘤的潜在抗癌化
体内活性	Topotecan-水凝胶能够向玻璃体持续输送活用,可能成为眼内视网膜母细胞瘤治疗的一	性药物,具有优良的体内生物相容性以及在 个补充策略[2]。	视网膜母细胞瘤细胞中明显的细胞毒作
动物实验	Hydrogel cytotoxicity was evaluated i vitreous pharmacokinetics and syster pseudoplastic behavior of the hydrog profiles showed a sustained release o affect the release pattern. Blank hydr Topotecan-loaded hydrogel was high vitreous concentrations were sustain injection, animals with blank or Topot impairment on fundus examination, e	nic as well as ocular toxicity were eva els makes them suitable for intraocu of Topotecan from PCL-PEG-PCL up to ogels did not affect retinoblastoma c ly cytotoxic for at least 7days. After ir ed above the pharmacologically activ	aluated in rabbits. The Jlar administration. In vitro release o 7days and drug loading did not cell viability but 0.4% (w/w) ntravitreal injection, Topotecan we concentration. One month after
细胞实验	After isolated and identified the GSCs cells were administrated with various seek for the optimal administration c were detected using cell counting kit and GSCs[1].	s concentrations of shikonin or topot	ecan at different time points to
储存	keep away from direct sunlight,keep a year   Shipping with blue ice.	away from moisture   Powder: -20°C f	or 3 years   In solvent: -80°C for 1