

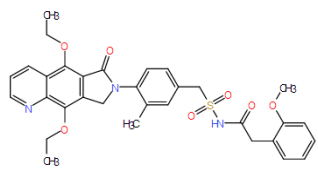
## Certificate of Analysis

Target	Inhibitors & Agonists>>GPCR>>Prostaglandin Receptor
Cat.No	DC8249
Name	MF498

**Tel:** +86-21-58447131  
**Fax:** +86-21-61642470

**Email:**  
sales@dcchemicals.com  
order@dcchemicals.com

## Chemical Properties

CAS	915191-42-3
Formula	C32H33N3O7S
MW	603.7
Storage	2 years -20°C Powder, 2 weeks 4°C in DMSO, 6 months -80°C in DMSO
Structure	 <p>The chemical structure of MF498 is a complex molecule. It features a central benzimidazole ring system. One of the benzimidazole nitrogens is substituted with a 4-methylphenyl group. The other nitrogen is part of a fused ring system that includes a pyridine ring. The pyridine ring has two methoxy groups (-OCH<sub>3</sub>) attached. The 4-methylphenyl group is further substituted with a propyl chain, which is connected to a sulfonamide group (-SO<sub>2</sub>NH-). This sulfonamide group is linked to a propyl chain that is attached to a phenyl ring. The phenyl ring has a methoxy group (-OCH<sub>3</sub>) at the para position.</p>
Purity	>98%

**Website:**  
www.dcchemicals.com