



上海源叶生物科技有限公司  
Shanghai yuanye Bio-Technology Co., Ltd  
电话: 021-61312973 传真: 021-55068248  
网址: [www.shyuanye.com](http://www.shyuanye.com)  
邮箱: [shyysw@sina.com](mailto:shyysw@sina.com)

产品名称: **Oleanolic acid derivative 1**

产品别名: **Oleanolic acid derivative 1**

生物活性:	
<b>Description</b>	Oleanolic acid derivative 1 is an oleanolic acid derivative, which is a novel triterpenoid-steroid hybrid molecule.
<b>In Vitro</b>	Oleanolic acid suppress transcription or translation of inducible nitric oxide synthase (iNOS) and inducible cyclooxygenase (COX-2) genes. HY-18002 is extracted from the reference, compound 9a. In the strategy, it was ambiguous whether phosphorus pentachloride (PCl <sub>5</sub> ) would give the desired ring contraction product 9a (HY-18002) in the first step according to classical procedures <sup>[1]</sup> .
<b>References</b>	[1]. Tadashi Honda, et al. Design and Synthesis of 23,24-Dinoroleanolic Acid Derivatives, Novel Triterpenoid-Steroid Hybrid Molecules. J. Org. Chem., 1998, 63 (14), pp 4846-4849.

源叶生物