TG100-115

Product ID T2402
CAS No. 677297-51-7

Chemical Name

Synonym

**Formula** C_{18}H_{14}N_{6}O_{2}
**Formula Wt.** 346.34

Melting Point
- Purity ≥98%

Solubility
- DMSO 9 mg/mL (25.98 mM)
- Water Insoluble
- Ethanol Insoluble

**Description** TG100-115 is an inhibitor of p110δ PI3K and p110γ PI3K that exhibits anti-inflammatory and anti-asthma activities. TG100-115 decreases pulmonary eosinophil levels and accumulation of IL-13 and mucin in animal models of asthma and chronic obstructive pulmonary disorder (COPD), decreasing inflammation. TH100-115 also inhibits edema and inflammation induced by VEGF and platelet activating factor (PAF) in other animal models, decreasing development of infarcts and improving cardiac function. As a result of its cardioprotective activity, TG100-115 is currently in clinical trials as a potential treatment to reduce acute myocardial infarctions.

**References**


**Caution:** This product is intended for laboratory and research use only. It is not for human or drug use.