Product ID T3461
CAS No. 393105-53-8

**Chemical Name**

**Synonym** PAI-039

**Formula** C_{24}H_{16}F_{3}NO_{4}
**Formula Wt.** 439.39

**Melting Point**

**Purity** ≥98%

**Solubility**
- DMSO 72 mg/mL
- Ethanol 18 mg/mL
- Water Insoluble

**Store Temp** -20°C
**Ship Temp** Ambient

**Description**

Tiplaxtinin inhibits plasminogen activator inhibitor 1 (PAI-1), decreasing wound closure and collagen deposition. Tiplaxtinin exhibits anti-inflammatory, anti-fibrotic, anti-allergic, anti-angiogenic, and anticancer chemotherapeutic activities. Tiplaxtinin inhibits carotid artery neointimal formation and increases apoptosis in vascular smooth muscle cells. In models of bladder cancer, this compound inhibits angiogenesis, increases apoptosis, and decreases cell proliferation, cell adhesion, and tumor growth. Tiplaxtinin also decreases inflammation, collagen deposition, and airway hyperresponsiveness in animal models of OVA-induced pulmonary remodeling.

**References**


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