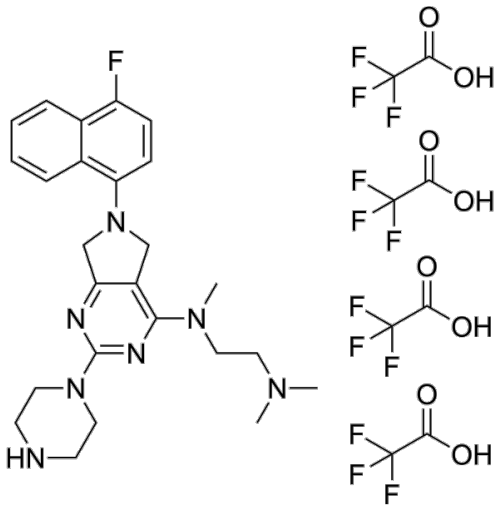
Product Data Sheet

Product Name: WCY-8-67 TFA
Cat. No.: GC79003

Chemical Properties

Cas. No.			
Formula	$C_{33}H_{36}F_{13}N_7O_8$	M.Wt	905.66
Solubility	DMSO: 100 mg/mL (110.42 mM; Need ultrasonic)	Storage	Store at -20°C, sealed storage, away from moisture and light
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		

Structure



Background

WCY-8-67 TFA is an orally active and selective USP5 inhibitor, with an IC_{50} value of 1.33 μM. WCY-8-67 TFA induces apoptosis and suppresses JAK/STAT3 and PI3K/AKT signaling pathways. WCY-8-67 TFA inhibits proliferation of AE-positive AML cells, induces G1 phase arrest and differentiation of AML cells. WCY-8-67 TFA demonstrates potent anti-leukemic efficacy in mice. WCY-8-67 TFA can be used for the study of acute myeloid leukemia [1].

References:

Caution: Product has not been fully validated for medical applications. For research use only.
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[1]. Ma L, et al. USP5 inhibition enables potential therapy for t(8;21) AML through ubiquitin-mediated AML1-ETO degradation in patient-derived xenografts. Sci Transl Med. 2025 Sep 24;17(817):eadt9100.