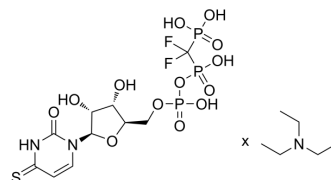


PSB-1114 triethylamine

Cat. No.:	HY-110092A
Molecular Formula:	$C_{10}H_{15}F_2N_3O_{13}P_3 \cdot xC_6H_{15}N$
Target:	P2Y Receptor
Pathway:	GPCR/G Protein
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro	H ₂ O : ≥ 100 mg/mL * "≥" means soluble, but saturation unknown.
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BIOLOGICAL ACTIVITY

Description	PSB-1114 triethylamine is a potent, enzymatically stable, and subtype-selective P2Y ₂ receptor agonist with an EC ₅₀ of 134 nM. PSB-1114 triethylamine displays >50-fold selectivity versus the P2Y ₄ (EC ₅₀ of 9.3 μM) and P2Y ₆ (EC ₅₀ of 7.0 μM) receptors [1].
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REFERENCES

[1]. El-Tayeb A, et al. Structural modifications of UMP, UDP, and UTP leading to subtype-selective agonists for P2Y₂, P2Y₄, and P2Y₆ receptors. J Med Chem. 2011 Apr 28;54(8):2878-90.

Caution: Product has not been fully validated for medical applications. For research use only.

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