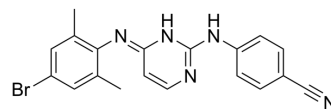


HIV-1 inhibitor-48

Cat. No.: HY-W325699
CAS No.: 374067-85-3
Molecular Formula: C₁₉H₁₆BrN₅
Molecular Weight: 394.27
Target: Reverse Transcriptase; HIV
Pathway: Anti-infection
Storage: 4°C, protect from light
 * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (317.04 mM; Need ultrasonic)

Concentration	Mass			
	1 mg	5 mg	10 mg	
1 mM	2.5363 mL	12.6817 mL	25.3633 mL	
5 mM	0.5073 mL	2.5363 mL	5.0727 mL	
10 mM	0.2536 mL	1.2682 mL	2.5363 mL	

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

HIV-1 inhibitor-48 (compound 13o) is a novel non-nucleoside reverse transcriptase inhibitor (NNRTI) and exhibits anti-HIV-1 activity^[1].

REFERENCES

[1]. Ludovici DW, et al. Evolution of anti-HIV drug candidates. Part 3: Diarylpyrimidine (DAPY) analogues. Bioorg Med Chem Lett. 2001 Sep 3;11(17):2235-9.

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

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