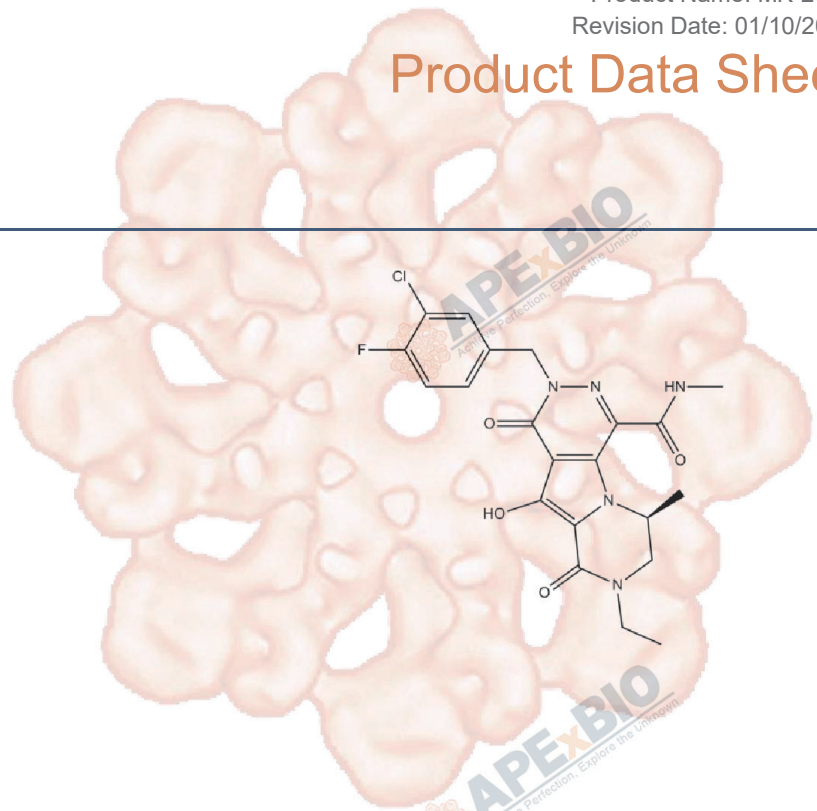


Product Data Sheet

MK-2048

Cat. No.: A4072
CAS No.: 869901-69-9
Formula: C₂₁H₂₁ClFN₅O₄
M.Wt: 461.9
Synonyms:
Target: Proteases
Pathway: HIV Integrase
Storage: Store at -20°C



Solvent & Solubility

≥ 10.55 mg/mL in DMSO, ≥ 3.68 mg/mL in EtOH with ultrasonic and warming, insoluble in H₂O

In Vitro	Preparing Stock Solutions	Mass			
		Solvent Concentration	1mg	5mg	10mg
		1 mM	2.1650 mL	10.8249 mL	21.6497 mL
		5 mM	0.4330 mL	2.1650 mL	4.3299 mL
		10 mM	0.2165 mL	1.0825 mL	2.1650 mL

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

Biological Activity

Shortsummary	Integrase inhibitor for HIV-1, second generation	
IC ₅₀ & Target	0.075 μM (subtype B integrase), 0.08 μM (subtype C integrase)	
In Vitro	Cell Viability Assay	
	Preparation method:	
In Vivo	Animal experiment	
	Applications:	

Product Citations

See more customer validations on www.apexbt.com.

References

Caution

FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

Specific storage and handling information for each product is indicated on the product datasheet. Most APExBIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

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