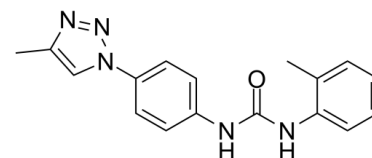


Data Sheet

Product Name:	DDX3-IN-1
Cat. No.:	CS-0083520
CAS No.:	1919828-83-3
Molecular Formula:	C ₁₇ H ₁₇ N ₅ O
Molecular Weight:	307.35
Target:	HCV; HIV
Pathway:	Anti-infection
Solubility:	DMSO : 125 mg/mL (406.70 mM; Need ultrasonic); H ₂ O : < 0.1 mg/mL (insoluble)



BIOLOGICAL ACTIVITY:

DDX3-IN-1 (Compound 16f) is a DEAD-box polypeptide 3 (DDX3) inhibitor with CC₅₀s of 50 and 36 μM for HIV and HCV, respectively. Antiviral activity^[1].

References:

[1]. Brai A, et al. Human DDX3 protein is a valuable target to develop broad spectrum antiviral agents. Proc Natl Acad Sci U S A. 2016 May 10;113(19):5388-93.

CAIndexNames:

Urea, N-(2-methylphenyl)-N'-[4-(4-methyl-1H-1,2,3-triazol-1-yl)phenyl]-

SMILES:

O=C(NC1=CC=C(N2N=NC(C)=C2)C=C1)NC3=CC=CC=C3C

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

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