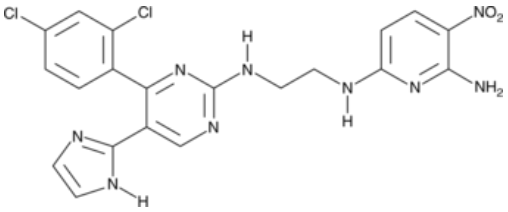
Product Data Sheet

Product Name: CHIR98024
Cat. No.: GC49392

Chemical Properties

Cas. No.	556813-39-9		
SMILES	NC1=NC(NCCNC2=NC=C(C3=NC=CN3)C(C4=C(Cl)C=C(Cl)C=C4)=N2)=CC=C1[N+]([O-])=O		
Formula	C20H17Cl2N9O2	M.Wt	486.3
Solubility	DMSO: slightly soluble,Ethanol: slightly soluble	Storage	-20°C
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

CHIR98024 is an inhibitor of glycogen synthase kinase 3 (GSK3; IC_{50} = 0.56 nM).[1]

1.Wagman, A.S., Johnson, K.W., and Bussiere, D.E.Discovery and development of GSK3 inhibitors for the treatment of type 2 diabetesCurr. Pharm. Des.10(10)1105-1137(2004)

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