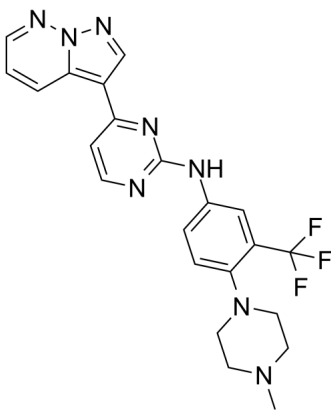


## Certificate of Analysis

Catalog Number	BP13250
Product Name	GW779439X

## Physical and Chemical Properties

CAS No.	551919-98-3
Chemical Formula	C <sub>22</sub> H <sub>21</sub> F <sub>3</sub> N <sub>8</sub>
Molecular Weight	454.461
Solubility	DMSO: 10 mM
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	 <p>The chemical structure of GW779439X is a complex molecule. It features a pyridine ring at the top, which is connected to a pyrazole ring. This pyrazole ring is further connected to a benzimidazole system. The benzimidazole system consists of a benzene ring fused to an imidazole ring. The benzene ring of the benzimidazole system has a trifluoromethyl group (-CF<sub>3</sub>) and a piperazine ring attached to it. The piperazine ring is a six-membered ring with two nitrogen atoms.</p>

## Product Information

Description	GW779439X is an inhibitor of CDK.
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## Analytical Data

HPLC	Shows Min >99% purity
H-NMR	Consistent with structure
Stability and Solubility Advice	Information on product stability, especially in solution, has rarely been reported and in most cases we can only provide a general guideline. We recommend that once the stock solution has been prepared, it be stored in equal quantities in sealed vials and used within 1 month. Avoid repeated freezing and thawing cycles. Storage conditions for some special products should be referred to their storage details.

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v2 Revision on 12/28/2022