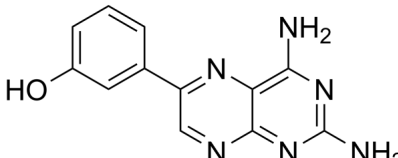


## Certificate of Analysis

Catalog Number	BP22328
Product Name	TG 100713

## Physical and Chemical Properties

Synonyms	TG100713
CAS No.	925705-73-3
Chemical Formula	C <sub>12</sub> H <sub>10</sub> N <sub>6</sub> O
Molecular Weight	254.253
Solubility	DMSO: 2.5 mg/mL (10 mM)
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

## Product Information

Description	TG100713 is a pan-PI3K inhibitor against PI3Kγ, PI3Kδ, PI3Kα and PI3Kβ with IC <sub>50</sub> of 50 nM, 24 nM, 165 nM and 215 nM, respectively.
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Targets&IC50	PI3K $\gamma$ :50 nM, PI3K $\alpha$ :165 nM, PI3K $\beta$ :215 nM, PI3K $\delta$ :24 nM
In vitro	TG 100713 also strongly inhibits EC proliferation.

## 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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