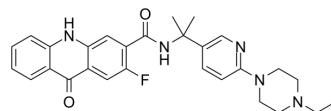


## BMS-566419

Cat. No.:	HY-110217		
CAS No.:	566161-24-8		
Molecular Formula:	C <sub>28</sub> H <sub>30</sub> FN <sub>5</sub> O <sub>2</sub>		
Molecular Weight:	487.57		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



## BIOLOGICAL ACTIVITY

### Description

BMS-566419 is an acridone-based inhibitors of inosine 5'-monophosphate dehydrogenase (IMPDH). Inosine monophosphate dehydrogenase (IMPDH) is a key enzyme in the de novo synthesis of guanosine nucleotides. BMS-566419 has clinical utility for the research of transplant rejection<sup>[1]</sup>.

## REFERENCES

[1]. Watterson SH, et al. Acridone-based inhibitors of inosine 5'-monophosphate dehydrogenase: discovery and SAR leading to the identification of N-(2-(6-(4-ethylpiperazin-1-yl)pyridin-3-yl)propan-2-yl)-2-fluoro-9-oxo-9,10-dihydroacridine-3-carboxamide (BMS-5

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

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