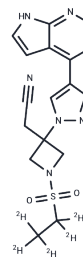


## Baricitinib-D5

## Chemical Properties

CAS No. :	1564241-79-7
Formula:	C <sub>16</sub> H <sub>12</sub> D <sub>5</sub> N <sub>7</sub> O <sub>2</sub> S
Molecular Weight:	376.45
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Baricitinib-D5 is a deuterated compound of Baricitinib. Baricitinib (T2485) has a CAS number of 1187594-09-7. Baricitinib (T2485) is an orally bioavailable inhibitor of Janus kinases 1 and 2 (JAK1/2), with potential anti-inflammatory, immunomodulating and antineoplastic activities.
Targets(IC50)	JAK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6564 mL	13.282 mL	26.564 mL
5 mM	0.5313 mL	2.6564 mL	5.3128 mL
10 mM	0.2656 mL	1.3282 mL	2.6564 mL
50 mM	0.0531 mL	0.2656 mL	0.5313 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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