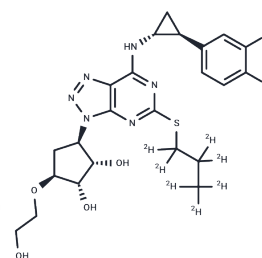


## Ticagrelor-D7

## Chemical Properties

CAS No. :	1265911-55-4
Formula:	C <sub>23</sub> H <sub>21</sub> D <sub>7</sub> F <sub>2</sub> N <sub>6</sub> O <sub>4</sub> S
Molecular Weight:	529.61
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	Ticagrelor-D7 is a deuterated compound of Ticagrelor. Ticagrelor (T0179) has a CAS number of 274693-27-5. Ticagrelor, produced by AstraZeneca, is an inhibitor of platelet aggregation. Unlike clopidogrel, ticagrelor is not a prodrug required metabolic activation. The drug was approved for use in the European Union by the European Commission on December 3, 2010, and by the US FDA on July 20, 2011. Its trade names are Brilinta (US), Brilique (EU) and Possia (EU).
Targets(IC50)	P2Y Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8882 mL	9.4409 mL	18.8818 mL
5 mM	0.3776 mL	1.8882 mL	3.7764 mL
10 mM	0.1888 mL	0.9441 mL	1.8882 mL
50 mM	0.0378 mL	0.1888 mL	0.3776 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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