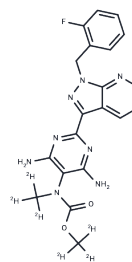


## Riociguat-13C-D6

## Chemical Properties

CAS No. :	1304478-43-0
Formula:	C <sub>20</sub> H <sub>13</sub> D <sub>6</sub> FN <sub>8</sub> O <sub>2</sub>
Molecular Weight:	428.45
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	Riociguat-13C-D6 is the 13C and deuterated compound of Riociguat. Riociguat (T6968) has a CAS number of 625115-55-1. Riociguat (T6968) is a stimulator of guanylate cyclase which causes relaxation of vascular smooth muscle and is used to treat severe pulmonary arterial hypertension.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.334 mL	11.670 mL	23.3399 mL
5 mM	0.4668 mL	2.334 mL	4.668 mL
10 mM	0.2334 mL	1.167 mL	2.334 mL
50 mM	0.0467 mL	0.2334 mL	0.4668 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.

## Reference

- Schermuly RT, et al. Eur Respir J. 2008, 32(4), 881-891.

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