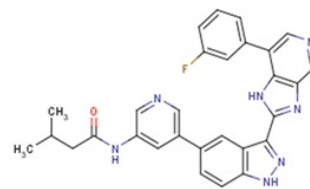


## Data Sheet (Cat.No.T5636)

Adavivint (SM04690)

### Chemical Properties

CAS No.:	1467093-03-3
Formula:	C <sub>29</sub> H <sub>24</sub> FN <sub>7</sub> O
Molecular Weight:	505.55
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



### Biological Description

Description	Adavivint (SM04690) is a Wnt pathway inhibitor.
Targets(IC <sub>50</sub> )	Wnt: None
In vivo	Adavivint (SM04690) is a novel Wnt pathway inhibitor, for the treatment of moderate to severe osteoarthritis of the knee.

### Solubility Information

Solubility	NA: None DMSO: 10 mM ( < 1 mg/ml refers to the product slightly soluble or insoluble)
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#### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.978 mL	9.89 mL	19.78 mL
5 mM	0.396 mL	1.978 mL	3.956 mL
10 mM	0.198 mL	0.989 mL	1.978 mL
50 mM	0.04 mL	0.198 mL	0.396 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

#### Reference

1. Yazici Y , Mcalindon T E , Fleischmann R , et al. A novel Wnt pathway inhibitor, SM04690, for the treatment of moderate to severe osteoarthritis of the knee: results of a 24-week, randomized, controlled, phase 1 study[J]. Osteoarthritis & Cartilage, 2017, 25(10):1598.

Inhibitors · Natural Compounds · Compound Libraries

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