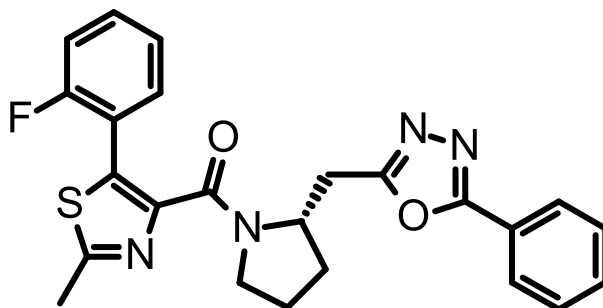


Catalog Number: **RCTT0461**



448.51 g/mol  
C<sub>24</sub>H<sub>21</sub>FN<sub>4</sub>O<sub>2</sub>S

## [H-3] SB 674042

**CAS-Number:** 483313-22-0

**Description:** Potent and selective non-peptide orexin OX<sub>1</sub> receptor antagonist.



**Packing/Concentration:** 1 mCi/ml (37 MBq/ml) in ethanol. Shipped at room temperature.

**Radiochemical Purity:** The radiochemical purity after purification was determined to be >97%.

**Specific Activity Range:** 50-60 Ci/mmol (1850-2220 GBq/mmol)

**Stability/Storage:** Below -60°C: The initial rate of degradation of this compound is <3% during 9 months.  
At room temperature: The decay is found to be less than 1% during 1 month.  
The decomposition of the compound is not linear or related to isotope half-life. Deviations of different lots may occur.

**Lot specific information:**

Lot Number :	03501
Specific activity:	52.5 Ci/mmol 1943 GBq/mmol
Purification Date:	05.12.2023
Date of Analysis:	05.12.2023

**Note:** The mass spectrum is consistent with the proposed structure and a non-labeled reference; the HPLC retention time is consistent with a non-labeled reference. For research and development use only, not for use in humans. This compound could induce cancer.