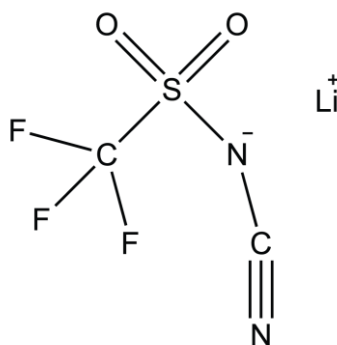


**LITHIUM CYANO(TRIFLUOROMETHANESULFONYL)IMIDE**

**CAS Number:** N/A  
**Molecular Formula:** C<sub>2</sub>F<sub>3</sub>LiN<sub>2</sub>O<sub>2</sub>S  
**Molecular Weight:** 180.03 g/mol



**Appearance**..... White to off white crystalline powder  
**<sup>13</sup>C NMR Spectrum** ..... Conforms to structure  
**Purity (<sup>19</sup>F NMR)**..... min. 98.0 %  
**F<sup>-</sup>, Cl<sup>-</sup>, Br<sup>-</sup>, PO<sub>4</sub><sup>3-</sup>, NO<sub>3</sub><sup>-</sup>, SO<sub>4</sub><sup>2-</sup>, ClO<sub>4</sub><sup>-</sup> (IC)**.....max. 10 ppm