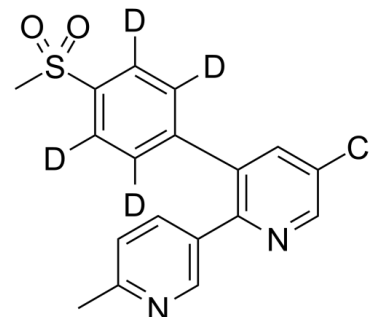


## Data Sheet

Product Name:	Etoricoxib D4
Cat. No.:	CS-4012
CAS No.:	1131345-14-6
Molecular Formula:	C <sub>18</sub> H <sub>11</sub> D <sub>4</sub> CIN <sub>2</sub> O <sub>2</sub> S
Molecular Weight:	362.87
Target:	COX
Pathway:	Immunology/Inflammation
Solubility:	10 mM in DMSO



### BIOLOGICAL ACTIVITY:

Etoricoxib D4 (MK-0663 D4) is a deuterium labeled Etoricoxib. Etoricoxib is a non steroidal anti-inflammatory agent, acting as a selective and orally active **COX-2** inhibitor, with **IC<sub>50</sub>s** of 1.1 μM and 116 μM for COX-2 and COX-1 in human whole blood.

### CAIndexNames:

5-Chloro-6'-methyl-3-(4-(methylsulfonyl)phenyl-2,3,5,6-d4)-2,3'-bipyridine

### SMILES:

C1C(C=CN1)=CC(C2=C([2H])C([2H])=C(S(C)(=O)=O)C([2H])=C2[2H])=C1C3=CN=C(C)C=C3

**Caution: Product has not been fully validated for medical applications. For research use only.**

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