

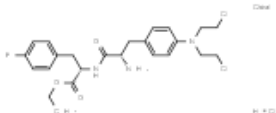
## Certificate of Analysis

Target	Inhibitors & Agonists>>Cell Cycle/DNA Damage>>DNA Alkylator/Crosslinker
Cat.No	DC40052
Name	Melflufen hydrochloride

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## Chemical Properties

CAS	380449-54-7
Formula	C <sub>24</sub> H <sub>31</sub> Cl <sub>3</sub> FN <sub>3</sub> O <sub>3</sub>
MW	534.88
Storage	Powder-20°C 3 years4°C 2 yearsIn solvent-80°C 6 months-20°C 1 month
Structure	 <p>The image shows the chemical structure of Melflufen hydrochloride. It consists of a central benzimidazole ring system. One nitrogen of the benzimidazole is substituted with a 4-fluorophenyl group. The other nitrogen is substituted with a 4-(2-(2,2,2-trichloroethylamino)ethyl)phenyl group. The structure is shown as a hydrochloride salt, with a chloride ion (Cl<sup>-</sup>) and a protonated nitrogen (H<sup>+</sup>) indicated.</p>
Purity	>98%

**Website:**  
www.dcchemicals.com