

## Product Information

### AhR inhibitor, NSC-703786, Purity ≥98%

**Cat. No.:** X24-09-YM462

**Size:** 5 mg; 10 mg; 50 mg; 100 mg

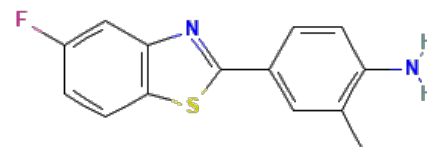
**CAS Number:** 260443-89-8

**Compound CID:** 396813

**Synonym:** 260443-89-8; 5-Fluoro 203; NSC703786; NSC 703786;

4-(5-Fluoro-1,3-benzothiazol-2-yl)-2-methylaniline; AhR inhibitor

**This product is for research use only and is not intended for diagnostic use.**



#### Product Information

<b>Description</b>	NSC-703786 is an effective metabolism inhibitor, that has the ability to prevent the pathway of cell metabolism by inhibiting AhR. The molecular weight of the compound is 258.3, and its molecular formula is C <sub>14</sub> H <sub>11</sub> FN <sub>2</sub> S.
<b>Molecular Weight</b>	258.3
<b>Molecular Formula</b>	C <sub>14</sub> H <sub>11</sub> FN <sub>2</sub> S
<b>IUPAC Name</b>	4-(5-Fluoro-1,3-benzothiazol-2-yl)-2-methylaniline
<b>InChI</b>	InChI=1S/C14H11FN2S/c1-8-6-9(2-4-11(8)16)14-17-12-7-10(15)3-5-13(12)18-14/h2-7H,16H2,1H3
<b>InChI Key</b>	IFWLHIIIUGSEKKE-UHFFFAOYSA-N
<b>Canonical SMILES</b>	CC1=C(C=CC(=C1)C2=NC3=C(S2)C=CC(=C3)F)N
<b>Form</b>	Lyophilized powder
<b>Purity</b>	≥98%
<b>Impurities</b>	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects.
<b>Identity</b>	Confirmed by NMR/HPLC/MS.
<b>Stability</b>	In its lyophilized form, the chemical remains stable for 36 months.
<b>Quality Level</b>	Research grade
<b>Applications</b>	NSC-703786 can be studied extensively for its potential therapeutic applications in the treatment of cancers with hyperactive SHP-2 signaling.
<b>Storage</b>	Store at -20°C, and keep desiccated.