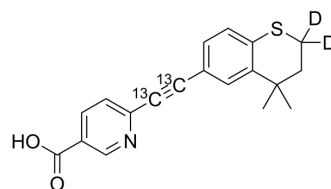


## Tazarotenic acid-<sup>13</sup>C<sub>2</sub>,d<sub>2</sub>

Cat. No.:	HY-101108S1
CAS No.:	1309935-88-3
Molecular Formula:	C <sub>17</sub> <sup>13</sup> C <sub>2</sub> H <sub>15</sub> D <sub>2</sub> NO <sub>2</sub> S
Molecular Weight:	327.41
Target:	Drug Metabolite; Isotope-Labeled Compounds
Pathway:	Metabolic Enzyme/Protease; Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Tazarotenic acid-<sup>13</sup>C<sub>2</sub>,d<sub>2</sub> (AGN 190299-<sup>13</sup>C<sub>2</sub>,d<sub>2</sub>) is the <sup>13</sup>C and deuterium labeled isotope of Tazarotenic acid (HY-101108). Tazarotenic acid is the metabolite of Tazarotene. Tazarotenic acid binding to retinoic acid receptors (RARs) is the probable molecular target of retinoid action. Tazarotenic acid has the potential for the research of warty dyskeratoma<sup>[1][2][3]</sup>.

### REFERENCES

- [1]. Chandraratna RA. Tazarotene--first of a new generation of receptor-selective retinoids. Br J Dermatol. 1996;135 Suppl 49:18-25.
- [2]. Hsyu PH, et al. Pharmacokinetics of a novel retinoid AGN 190168 and its metabolite AGN 190299 after intravenous administration of AGN 190168 to rats. Biopharm Drug Dispos. 1994;15(5):347-357.
- [3]. Abramovits W, et al. Treatment of warty dyskeratoma with tazarotenic acid. J Am Acad Dermatol. 2002;46(2 Suppl Case Reports):S4.

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

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