

FAP

2A3661

SEARLE RESEARCH AND DEVELOPMENT

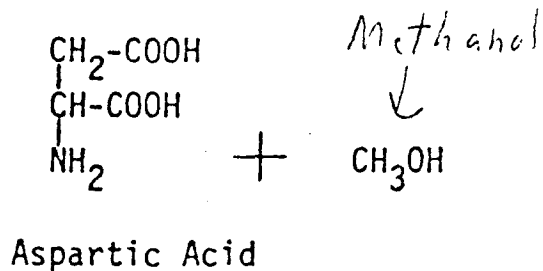
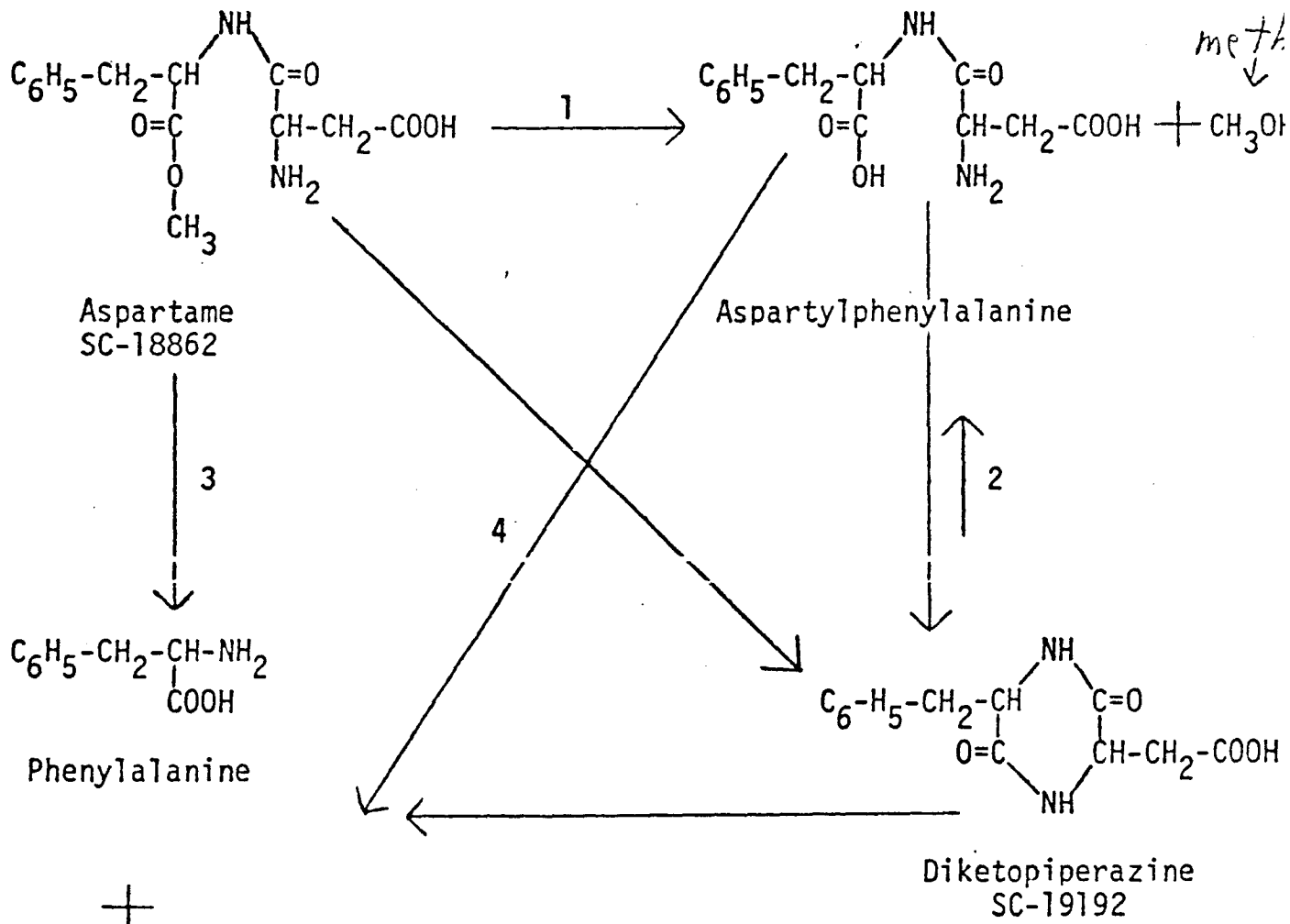
ASPARTAME FOR USE AS A SWEETENER IN CARBONATED
BEVERAGES

PETITION CONTROL

VOLUME 1 of 4

STABILITY OF ASPARTAME IN SOLUTION

The transformation of aspartame in aqueous solution is due mainly to the hydrolysis of the methyl ester linkage of the carboxylic compound. Although splitting of the amide linkages may occur, the rate of hydrolysis is much slower than that of the methyl ester. The hydrolysis may proceed as follows; with route 1 being the predominant mechanism.



ROUTING AND TRANSMITTAL SLIP

Date 7/22/83

| TO: (Name, office symbol, room number, building, Agency/Post) | Initials | Date |
|---|----------|------|
| 1. | | |
| 2. <u>Art-</u> | | |
| 3. | | |
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| Action | File | Note and Return |
|--------------|----------------------|------------------|
| Approval | For Clearance | For Conversation |
| As Requested | For Correction | Prepare Reply |
| Circulate | For Your Information | See Me |
| Comment | Investigate | Signature |
| Coordination | Justify | |

REMARKS

*Dr. Woodrow Monte
of Arizona State has
an appointment to
see this plis.
9:30 August 2nd
Memos have been removed*

DO NOT use this form as a RECORD of approvals, concurrences, disposals, clearances, and similar actions

| | |
|--|----------------|
| FROM: (Name, org. symbol, Agency/Post) <u>A. P. Burnett</u> | Room No.—Bldg. |
| | Phone No. |

5041-102

OPTIONAL FORM 41 (Rev. 7-76)
Prescribed by GSA
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