IN THE UNITED STATES PATENT AND TRADEMARK OFFICE BEFORE THE PATENT TRIAL AND APPEAL BOARD MYLAN PHARMACEUTICALS INC., DR. REDDY'S LABORATORIES, INC., DR. REDDY'S LABORATORIES, LTD., and SUN PHARMACEUTICALS INDUSTRIES LTD.¹ Petitioner, v. MERCK SHARP & DOHME CORP. Patent Owner. Case IPR2020-00040 U.S. Patent 7,326,708 B2

PETITIONER'S DEMONSTRATIVE SLIDES

¹ Watson Laboratories, Inc. were joined as a party to this proceeding via Motion for Joinder in IPR2020-01045; Dr. Reddy's Laboratories, Inc. and Dr. Reddy's Laboratories, Ltd. were joined as a party to this proceeding via a Motion for Joinder in IPR2020-01060; and Sun Pharmaceuticals Industries Ltd. was joined as a party to this proceeding via Motion for Joinder in IPR2020-01072.



UNITED STATES PATENT AND TRADEMARK

BEFORE THE PATENT TRIAL AND APPEAL I

MYLAN PHARMACEUTICALS INC,

MERCK SHARP & DOHME COI

IPR2020-00040

U.S. Patent No. 7,326,708



Summary of IPR Grounds: All Challenged Claims are Invalid

Ground	References	Basis ⁵
1	WO '498	§ 102
2	The '871 patent	§ 102
3	WO '498	§ 103
4	WO '498 and Bastin	§ 103
5	WO '498, Bastin and Brittain	§ 103
6	WO '498 and Brittain	§ 103

- Anticipation of Claims 1-3, 17, 19, and 2
- 2 Obviousness of Claims 1-3, 17, 19, and
- ယ Obviousness of Claim 4 (Slides 38-42)
- 7 D^^...l+^ VF:13/ 5



UNITED STATES PATENT AND TRADEMARK

BEFORE THE PATENT TRIAL AND APPEAL I

MYLAN PHARMACEUTICALS INC,

!

MERCK SHARP & DOHME COI

IPR2020-00040

Anticipation: Claims 1-3, 17,



The '708 Patent: Representative Claim 1



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

MYLAN PHARMACEUTICALS INC.
Petitioner,

U.S. Patent No. 7,326,708 to Cypes et al. Issue Date: February 5, 2008 hosphoric acid salt of a dipeptidyl peptidase-IV in Inter Parter Review No.: IPR2020-00040 MERCK SHARP & DOHME CORP.
Patent Owner.

Petition for Inter Partes Review of U.S. Patent No. 7,326,708 Under 35 U.S.C. §§ 311-319 and 37 C.F.R. §§ 42.1-80, 42.100-,123

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1. A dihydrogenphosphate ethyl)-5,6-dihydro[1,2,4]triaz 1-(2,4,5-trifluorophenyl)butar mula I:

$$\overset{\mathrm{H}_{\mathrm{J}}\mathrm{P}}{ =} \overset{\mathrm{H}_{\mathrm{J}}\mathrm{P}}{ =} \overset{\mathrm{H}_{\mathrm{J}}\mathrm{P}}{$$

or a hydrate thereof.

Ground	References
1	WO '498
2	The '871 patent
3	WO '498
4	WO '498 and Bastin
5	WO '498, Bastin and Britta
6	WO '498 and Brittain



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